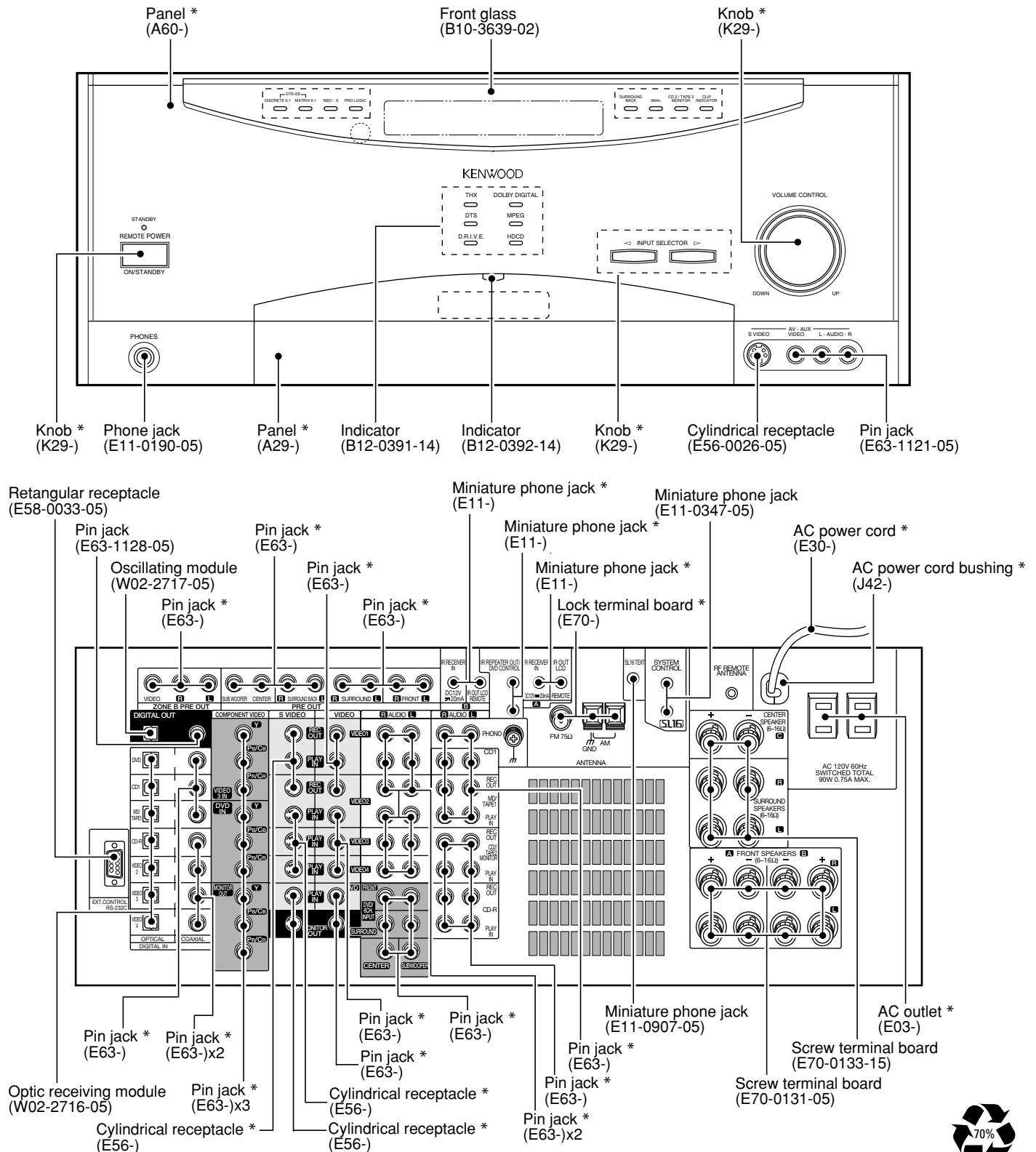


KRF-X7775D/X7775D-S VR-5080/5090 SERVICE MANUAL

KENWOOD

© 2001-5/B51-5723-00 (K/K) 3164



CONTENTS / ACCESSORIES

Contents

| | | | |
|------------------------------|---|-------------------------|----|
| CONTENTS / ACCESSORIES | 2 | PC BOARD | 9 |
| DISASSEMBLY FOR REPAIR | 3 | SCHEMATIC DIAGRAM | 22 |
| BLOCK DIAGRAM | 5 | EXPLODED VIEW | 53 |
| ADJUSTMENT | 6 | PARTS LIST | 55 |
| WIRING DIAGRAM | 8 | SPECIFICATIONS | 69 |

Accessories

Remote control unit

(A70-1453-05): RC-R0913...KP1K1P2
 (A70-1454-05): RC-R0914...M1X1Y1V
 (A70-1455-05): RC-0915.....E1E2

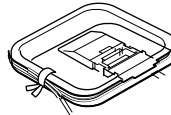


Battery cover(A09-1166-08)

Batteries



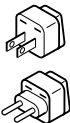
AM Loop Antenna (T90-0852-05)



FM Antenna (T90-0855-05)

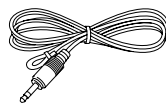


AC plug adaptor *..... (1)



Use to adapt the plug on the power cord to the shape of the wall outlet.
 (Accessory only for regions where use is necessary.)

Antenna ass'y (T90-0850-15) U.S.A. only



* Refer to parts list.



Manufactured under license from Dolby Laboratories. Dolby , Pro Logic , AC-3 , and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. ' 1992-1997 Dolby Laboratories. All rights reserved.



Manufactured under license from Digital Theater Systems, Inc. US Pat. No. 5,451,942 and other worldwide patents issues and pending. DTS and DTS Digital Surround are trademarks of Digital Theater Systems, Inc. ' 1996 Digital Theater Systems, Inc. All rights reserved.



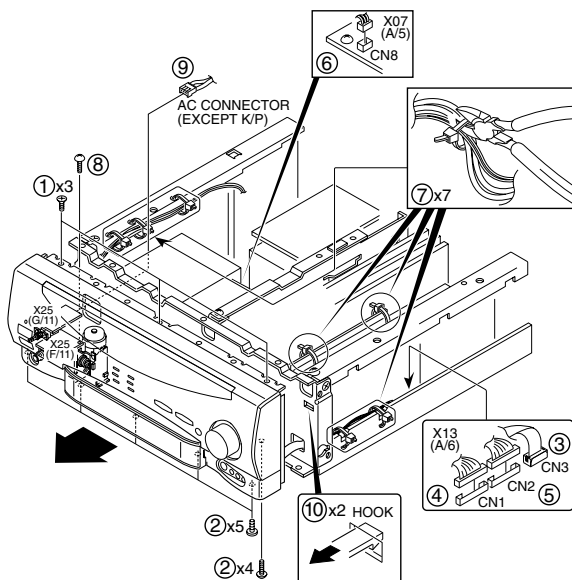
[HD CD], HD CD α , High Definition Compatible Digital α and Pacific MicrosonicsTM are either registered trademarks or trademarks of Pacific Microsonics, Inc. in the United States and/or other countries. HD CD system manufactured under license from Pacific Microsonics, Inc. This product is covered by one or more of the following: IN the USA: 5,479,168, 5,638,074, 5,640,161, 5,808,574, 5,838,274, 5,854,600, 5,864,311, 5,872,531, and in Australia: 669114. Other patents pending.

DISASSEMBLY FOR REPAIR

How to Remove the Front Panel

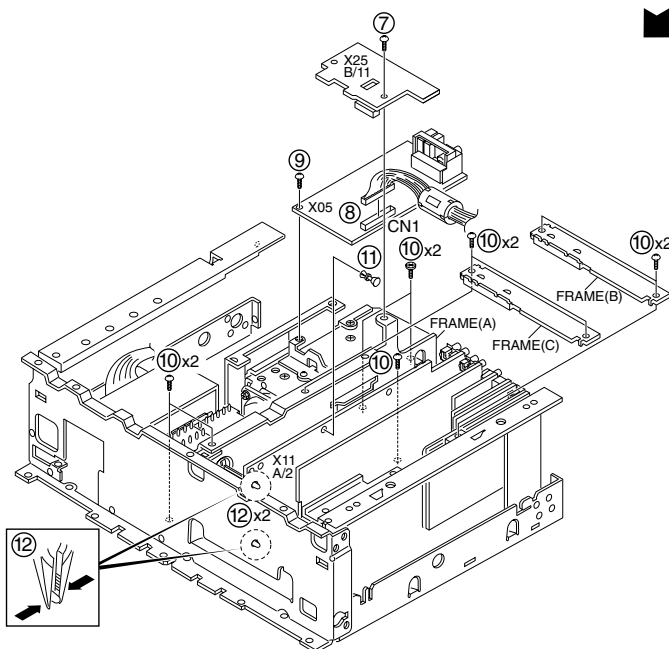
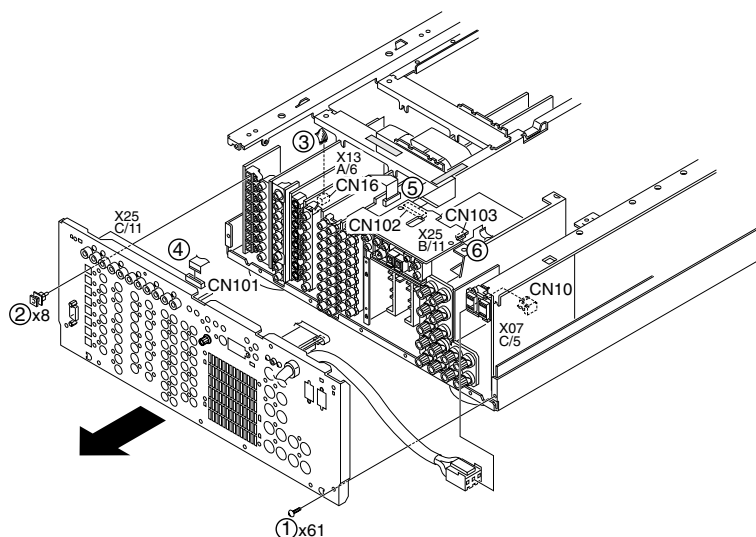
1. How to Remove the Front Panel

1. Remove the screws (①X3) on top of the panel.
2. Remove the screws (②X9) located at the bottom of the panel.
3. Disconnect the cable (③) and connectors (④,⑤) on the X13 A/6.
4. Disconnect the connector (⑥) on the X07 A/5.
5. Cut the tie band (⑦X7) as shown in the figure.
6. Remove the screw (⑧X1) on the X25 F/11.
7. Disconnect the connector (⑨) on the X25 G/11.(Except K/P type)
8. Remove the hooks (⑩X2) on the sub panel.
9. Remove the front panel in the direction of arrow.



Disassembling the Rear Panel and How to Replace the Power Transistor

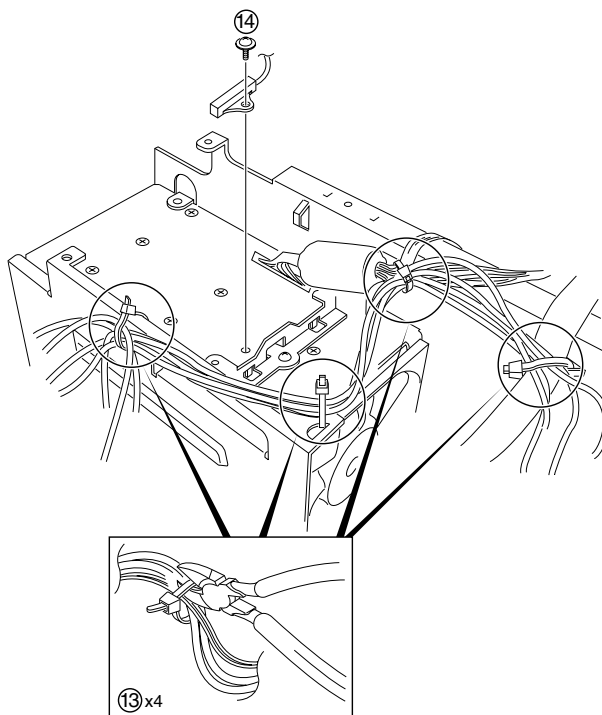
1. Disconnect the CN10 on the X07 C/5.
2. Remove all of screws (①X61) and digital caps (②X8) on the rear panel.
(The number of screws and caps are vary according to the models).
3. Disconnect the cable CN16 (③) on the X13 A/6.
4. Disconnect the flexible cables CN101(④) on the X25 C/11, CN102 (⑤) and * CN103 (⑥) on the X25 B/11.
* (K/P type only).
5. Remove the rear panel in the direction of arrow.
6. Remove the screw (⑦), then remove the X25 B/11.



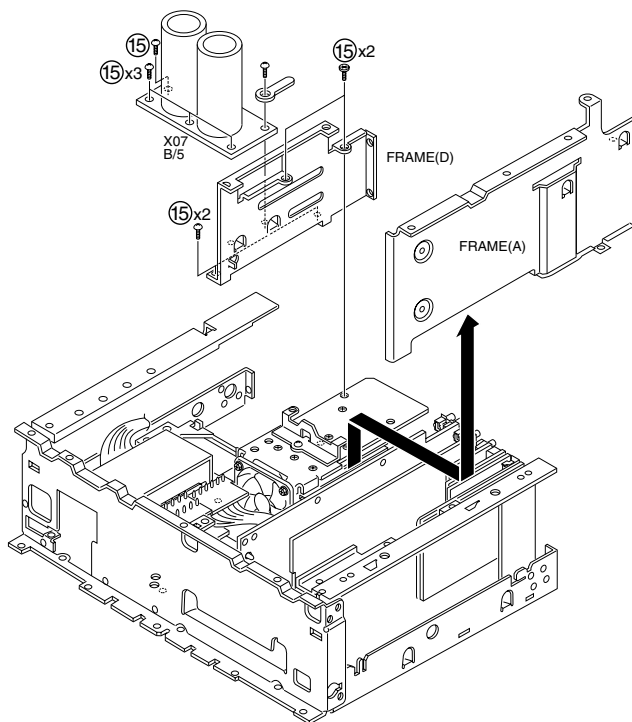
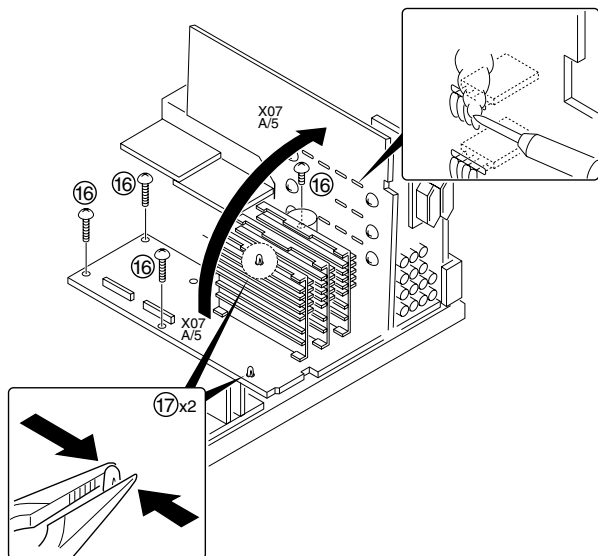
7. To remove the tuner unit, disconnect the CN1 (⑧) and remove a screw (⑨).
8. Remove the screws (⑩X9) on the frames (A/B/C), push rivet (⑪) and PC support (⑫x2) on the X11 A/2.

DISASSEMBLY FOR REPAIR

9. To remove the frame A rearward, cut the tie bands (13X4) on the frames.
10. Remove a screw (14), then remove a thermostat.



11. Remove the screws (15X8), then remove a frame (D), and X07 B/5.
12. To remove a power amplifier unit (X07 A/5), remove the screws (16x4), and a PC support (17x2).
13. Set up the X07 A/5 in the direction of arrow as shown in the figure.
14. Replace the defective transistor.



CIRCUIT DESCRIPTION

1. Initialization

1-1 The Initial Setting

- Insert the power cord to AC wall outlet by pressing the "ON/STANDBY" key.

2. Destination List of Tuner

0 : Pull down, 1: Pull up

| SET TYPE | TYPE | BAND | RECEIVING FREQUENCY RANGE | CHANNEL SPACE | IF | PLL |
|------------------------------|--------------------|------|------------------------------|------------------|----------|-------|
| K, P, R | K1 1700 | FM | 87.5MHz-108.0MHz | 100kHz | +10.7MHz | 25kHz |
| | | AM | 530kHz-1700kHz | 10kHz | +450kHz | 10kHz |
| Y, M, I, C, V | K2 1610 | FM | 87.5MHz-108.0MHz | 100kHz | +10.7MHz | 25kHz |
| | | AM | 530kHz-1610kHz | 10kHz | +450kHz | 10kHz |
| K, P | K4 1700 RBDS | FM | 87.5MHz-108.0MHz | 100kHz | +10.7MHz | 25kHz |
| | | AM | 530kHz-1700kHz | 10kHz | +450kHz | 10kHz |
| Y, M, I, C, V, E, X, H | E1 | FM | 87.5MHz-108.0MHz | 50kHz | +10.7MHz | 25kHz |
| | | AM | 531kHz-1602kHz | 9kHz | +450kHz | 9kHz |
| E, T | E3 RDS | FM | 87.5MHz-108.0MHz | 50kHz | +10.7MHz | 25kHz |
| | | AM | 531kHz-1602kHz | 9kHz | +450kHz | 9kHz |

3. Conditions according to the models or destination

3-1 Distinction of Destination

: u-com (X13,IC3) Port 54

| Type | Voltage : Max 5.0V |
|----------|--------------------|
| K2 | 0~0.52 |
| K1 | 1.61~2.49 |
| K4(RBDS) | 2.51~3.39 |
| E3(RDS) | 3.41~4.45 |
| E1 | 4.47~5.00 |

3-2 Distinction of Models : u-com (X13,IC3) Port 53

| Models | * | Voltage : Max 5.0V |
|------------------------------|-----|--------------------|
| VR-5080 | NO | 0~0.37 |
| VR-5090 | YES | 0.39~1.10 |
| VR-5700 | YES | 1.12~1.84 |
| VR-5900-S | YES | 1.86~2.49 |
| KRF-X9995D/D-S | YES | 2.51~3.14 |
| KRF-X7775D/D-S | YES | 3.16~3.88 |
| KRF-X9995D-S (M/X TYPE) | NO | 3.90~4.61 |
| KRF-X7775D-S (M/X/V TYPE) | NO | 4.63~5.00 |

* Switching of RF or Front IR and Rear IR Receiver Terminal.

4. Tuner Preset Memory

| P.ch | K1 | K2 | K4 | E1 | E3 | P.ch | K1 | K2 | K4 | E1 | E3 |
|------|-----------|-----------|-----------|-----------|-----------|------|-----------|-----------|-----------|-----------|-----------|
| 1 | FM 98.3M | FM 98.3M | FM 98.3M | FM 98.3M | FM 98.3M | 21 | AM 530K | AM 530K | AM 530K | AM 531K | AM 531K |
| 2 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | 22 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 3 | FM 89.1M | FM 89.1M | FM 89.1M | FM 89.1M | FM 89.1M | 23 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 4 | FM 108.0M | FM 108.0M | FM 108.0M | FM 108.0M | FM 108.0M | 24 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 5 | FM 90.0M | FM 90.0M | FM 90.0M | FM 90.0M | FM 90.0M | 25 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 6 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | 26 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 7 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | 27 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 8 | AM 1610K | FM 87.5M | AM 1610K | FM 87.5M | FM 87.5M | 28 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 9 | AM 1700K | AM 1610K | AM 1700K | AM 1602K | AM 1602K | 29 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 10 | AM 1000K | AM 1000K | AM 1000K | AM 999K | AM 999K | 30 | FM 106.0M | FM 106.0M | FM 106.0M | FM 106.0M | FM 106.0M |
| 11 | AM 630K | AM 630K | AM 630K | AM 630K | AM 630K | 31 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 12 | AM 1440K | AM 1440K | AM 1440K | AM 1440K | AM 1440K | 32 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 13 | FM 106.0M | FM 106.0M | FM 106.0M | FM 106.0M | FM 106.0M | 33 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 14 | AM 530K | AM 530K | AM 530K | AM 531K | AM 531K | 34 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 15 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | 35 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 16 | FM 98.0M | FM 98.0M | FM 98.0M | FM 98.0M | FM 98.0M | 36 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 17 | FM 98.5M | FM 98.5M | FM 98.5M | FM 98.5M | FM 98.5M | 37 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 18 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | 38 | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M | FM 87.5M |
| 19 | AM 990K | AM 990K | AM 990K | AM 990K | AM 990K | 39 | FM 108.0M | FM 108.0M | FM 108.0M | FM 108.0M | FM 108.0M |
| 20 | FM 97.4M | FM 97.4M | FM 97.4M | FM 97.7M | FM 97.7M | 40 | AM 1000K | AM 1000K | AM 1000K | AM 945K | AM 945K |

CIRCUIT DESCRIPTION

5. Test Mode

5-1 Setting Method of the Test Mode

- Turn on the power supply while pressing the "INPUT SELECTOR DOWN" key, to make a set in test mode.

5-2 Canceling the Test Mode

- The system is initialized and the test mode is cancelled if unplug the AC power cord from an AC power wall outlet.

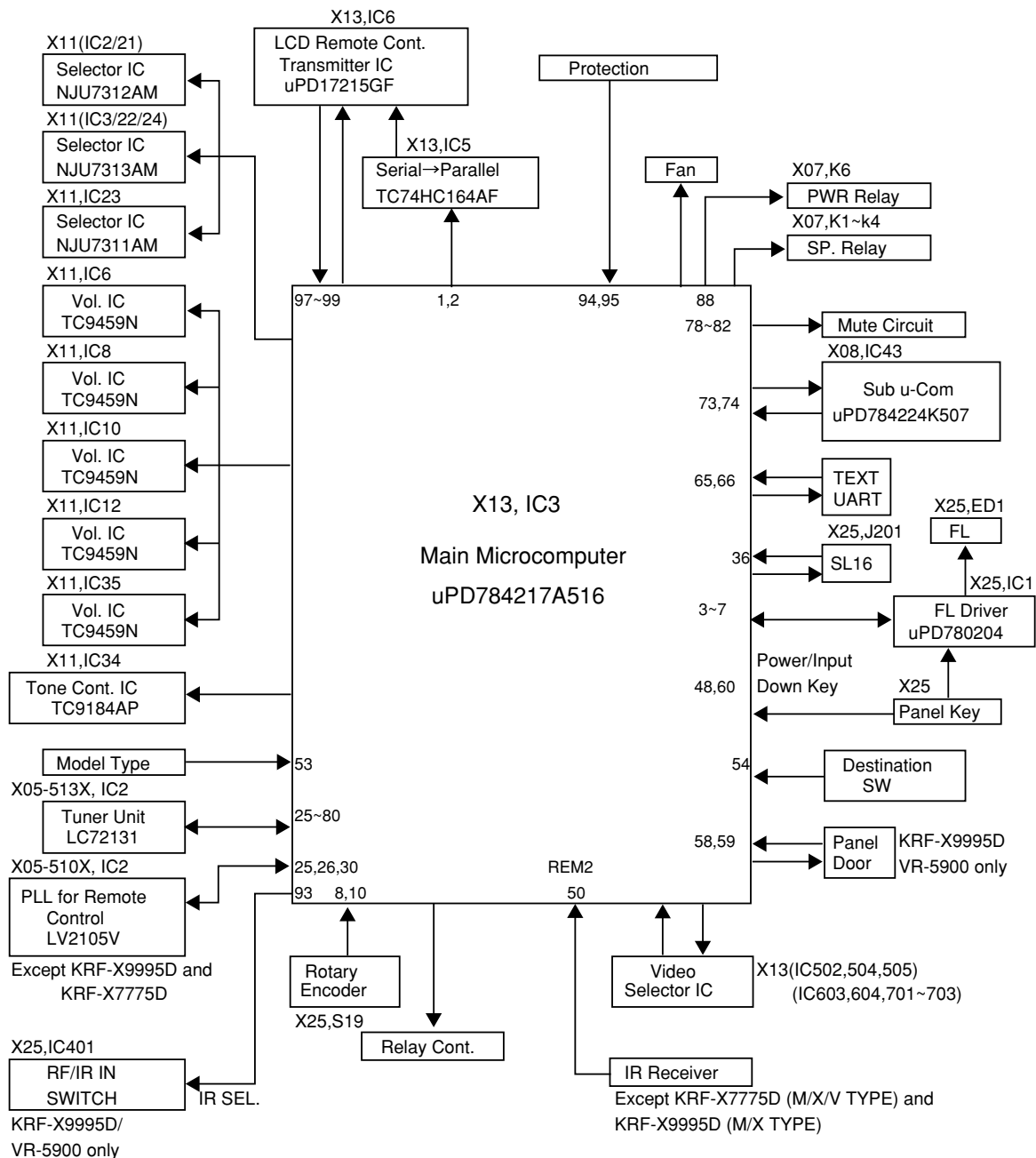
5-3 Contents of the Test Mode

* The following operation is available when the FL is all lighting up mode only.

| Key | Operation | Display |
|-------------|--|-----------------|
| SOUND | Set up the RF frequency to 428MHz. | RF BAND |
| LISTEN MODE | Set up the RF frequency to 422MHz. | RF BAND |
| THX | Indicated the tuner destination in the FL. | EX. TYPE E1 |
| MEMORY | Changed the dimmer off/1/2 cyclically. | ALL FL Light ON |

6. Main Microcomputer: uPD784217A516 (X13, IC3)

6-1 Main Microcomputer Periphery block diagram



CIRCUIT DESCRIPTION

6-2 Port Description of Main Microcomputer : uPD784217A516 (X13, IC3)

| Port No. | Port Name | I/O | Function |
|----------|--------------|-----|--|
| 1 | REM DA | O | IR transmitter IC(X13,IC5) control data output. |
| 2 | REM CK | O | IR transmitter IC(X13,IC5) control clock output. |
| 3 | FL CLK | O | Clock output to FL driver. |
| 4 | FL DIN | I | Data input from FL driver. |
| 5 | FL DOUT | O | Data output to FL driver. |
| 6 | FL STB | O | Strobe output to FL driver. |
| 7 | FL RST | O | Reset output to FL driver. |
| 8 | ENC B | I | Input port of volume encoder. |
| 9 | VDD | - | +5V power supply. |
| 10 | ENC A | I | Input port of volume encoder. |
| 11 | SEL CLK | O | Clock output to selector IC. |
| 12 | SEL DATA | O | Data output to selector IC. |
| 13~15 | SEL STB1~3 | O | Strobe (1~3) output to selector IC. |
| 16 | TONE CLK | O | Clock output to tone control / selector IC. |
| 17 | TONE DATA | O | Data output to tone control / selector IC. |
| 18 | TONE STB | O | Strobe output to tone control IC. |
| 19 | VOL CLK | O | Clock output to volume IC. |
| 20 | VOL DATA | O | Data output to volume IC. |
| 21 | VOL STB2 | O | Strobe 2 output to volume IC. |
| 22 | TEST/VPP | - | Connected to GND. |
| 23 | STEREO | I | Tuner stereo signal detection port. |
| 24 | SD | I | Tuner SD signal detection port. |
| 25 | RF PLL CLK | O | Clock output to PLL (LC72131) IC. * Clock output to PLL IC (LV2105V) for RF remote controller. * Except KRF-X7775D/9995D |
| 26 | RF PLL DATA | O | Data output to PLL(LC72131) IC. * Data output to PLL IC (LV2105V) for RF remote controller. * Except KRF-X7775D/9995D |
| 27 | PLL DO | I | Data input from PLL (LC72131)IC. |
| 28 | PLL CE | O | Chip enable to PLL (LC72131) IC. |
| 29 | T MUTE | O | Mute control to tuner. |
| 30 | RF PLL CE | O | PLL (LV2105V)CE for RF remote controller. (VR series only) |
| 31~33 | P MACRO A~C | O | Output port for perfect macro (A~C). (Refer to 7-6) |
| 34 | TV SENS | I | Detection port of TV signal. (Refer to 7-7) |
| 35 | VOL STB1 | O | Strobe 1 output to volume IC. |
| 36 | S DATA | I/O | SL16 data input/output. |
| 37 | VDD | - | +5V power supply |
| 38 | X2 | - | Crystal resonator (12.5MHz) connection. |
| 39 | X1 | - | Crystal resonator (12.5MHz) connection. |
| 40 | VSS | - | Connected to GND. |
| 41 | XT2 | - | Unused. |
| 42 | XT1 | - | Unused. |
| 43 | RESET | I | Reset signal input for main microcomputer. |
| 44 | CE | I | Detection port of chip enable. |
| 45 | S BUSY | I/O | Busy signal input/output. |
| 46 | 232C DET | I | Detection port of RS232C communication. (Except KRF-X7775D) |
| 47 | RDS CLK | I | Clock input of RDS demodulator IC. (E/T type only) |
| 48 | POWER KEY IN | I | Detection port for power key. |
| 49 | REM1 | I | Remote control signal input 1 (front panel). |
| 50 | REM2 | I | Remote control signal input 2 (IR receiver). Except KRF-X7775D (X/M/V)and KRF-X9995D (M/X) |

CIRCUIT DESCRIPTION

| Port No. | Port Name | I/O | Function |
|----------|-------------------|-----|--|
| 51 | VDD | - | +5V power supply |
| 52 | AVREF | - | Reference voltage input. |
| 53 | MODEL SEL | I | Discrimination port for model type. |
| 54 | DSW0 | I | Detection port for tuner destination SW 0. |
| 55 | THERM SW | I | Detection port for thermal switch. (Refer to 7-1) |
| 56 | S LEVEL | I | RDS signal level input. (E/T type only) |
| 57 | RDS DATA | I | Data input of RDS demodulator IC. (E/T type only) |
| 58 | CLOSE SENS | I | Detection port of close sensor for panel door. (Refer to 7-3) (KRF-X9995D/VR-5900 only) |
| 59 | OPEN SENS | I | Detection port of open sensor for panel door. (Refer to 7-3) (KRF-X9995D/VR5900 only) |
| 60 | INPUT DOWN KEY IN | I | Detection port of input down key. |
| 61 | AVSS | - | Connected to GND. |
| 62 | P MACRO IN | I | Input port of perfect macro. (Refer to 7-7) |
| 63 | RELAY CONT | O | Relay control output. (Refer to 7-4) |
| 64 | AVREF1 | - | Reference voltage input. |
| 65 | 1394/TEXT RX | I | CD TEXT UTRA communication data input. |
| 66 | 1394/TEXT TX | O | CD TEXT UTRA communication data output. |
| 67 | SUB RESET | O | Reset signal output to sub microcomputer. |
| 68 | RS RX1 | I | RS232C communication data input 1. (Except KRF-X7775D) |
| 69 | RS TX1 | O | RS232C communication data output 1. (Ditto) |
| 70 | RS RX2 | I | RS232C communication data input 2. (Ditto) |
| 71 | RS TX2 | O | RS232C communication data output 2. (Ditto) |
| 72 | LED | O | Control port for pro logic2 led. |
| 73 | SDT | I | Communication data input from sub microcomputer. |
| 74 | MDT | O | Communication data output to sub microcomputer. |
| 75 | MCK | O | Clock output to sub microcomputer. |
| 76 | MREQ | O | Communication master request. |
| 77 | SREQ | I | Communication slave request. |
| 78 | F/CSW MUTE | O | Mute control port for room A. |
| 79 | PRE S/B MUTE | O | Mute control port for pre out surround. |
| 80 | SP S/B MUTE | O | Mute control port for S/B speakers. |
| 81 | PRE ZB MUTE | O | Mute control port for pre out B (zone B). |
| 82 | V/RECMUTE | O | Mute control port for video rec out. |
| 83 | 10dB GAIN | O | Switching port for +10dB amplifier. |
| 84 | RELAY CS | O | Mute control port for center/surround speakers. |
| 85 | RELAY B | O | Relay control port for speaker B. |
| 86 | RELAY A | O | Relay control port for speaker A. |
| 87 | RELAY TR | O | Switching port for transformer tap. |
| 88 | POWER | O | Power relay control port. |
| * 89 | FAN H/L | O | Control port for fan motor (H/L). |
| * 90 | FAN ON/OFF | O | Control port for fan motor (on/off). |
| * 91 | 10W | I | 10W detection port for fan control. |
| * 92 | 1W | I | 1W detection port for fan control. |
| 93 | IR SELECT | O | RF/IR IN switch control. (Refer to 7-5), KRF-X9995D/VR-5900 only |
| 94 | V PROT | I | Detection port of protection signal. |
| 95 | I PROT | I | Detection port of protection signal. |
| 96 | STBY LED | O | Control port for standby led. |
| 97 | REM RWR | I | RWR from LCD remote controller. |
| 98 | REM ENB | I | Chip enable from LCD remote controller. |
| 99 | REM REQ | O | Request to LCD remote controller. |
| 100 | VSS | - | GND |

* Refer to 7-1

CIRCUIT DESCRIPTION

7. Description of the Circuit Control

7-1 Fan Control (X13,IC3)

| Fan | 10W(91Pin) | 1W(92Pin) | THERMAL SW(55Pin) | FAN ON/OFF(90Pin) | FAN H/L(89Pin) |
|---------------|------------|-----------|-------------------|-------------------|----------------|
| FAN STOP | H | H | L | 0 | 1 |
| FAN LOW SPEED | H | L | L | 1 | 1 |
| FAN HI SPEED | L | L | L | 1 | 0 |
| FAN LOW SPEED | H | H | H | 1 | 1 |
| | H | L | H | 1 | 1 |
| FAN HI SPEED | L | L | H | 1 | 0 |

7-2 Door Open/Close Control : FL Driver(X25,IC1)

KRF-X9995D/VR-5900 only

| | DOOR OUT1(42Pin) | DOOR OUT2(41Pin) |
|-------|------------------|------------------|
| OPEN | 1 | 0 |
| CLOSE | 0 | 1 |
| STOP | 0 | 0 |
| BREAK | 1 | 1 |

7-3 Open Close Sensor(X13,IC3 : Main u-com)

KRF-X9995D/VR-5900 only

| | OPEN SENS(59Pin) | CLOSE SENS(58Pin) |
|---------------------|------------------|-------------------|
| END OF OPEN ACTION | 0 | 1 |
| END OF CLOSE ACTION | 1 | 0 |

7-4 Relay Control : X13,IC3(Main u-com)

| SELECTOR | RELAY CONT.(63Pin) |
|-------------------|--------------------|
| PHONO | 0 |
| TUNER | |
| CD1 | |
| MD/TAPE1 | |
| CD-R | |
| CD2/TAPE2 MONITOR | 1 |
| VIDEO1 | |
| VIDEO2 | |
| VIDEO3 | |
| VIDEO4 | |
| DVD | |
| AV/AUX | |

7-5 IR Remote Control

| | | X25,IC401 RF IN (7Pin) | X25,IC401 IR IN (6Pin) | IR SELECT X13,IC3 (93Pin) |
|-----------------------|-----------------|------------------------------|------------------------------|---------------------------------|
| WITH RF VERSION | RF ON | X | O | 0 |
| | RF OFF | O | X | 1 |
| WITHOUT RF VERSION | FRONT IR ON | X | O | 0 |
| | FRONT IR OFF | O | X | 1 |

7-6 P Macro Video Switch(X13,IC505)

| SELECTOR | P MACRO A(3Pin) | P Macro B(4Pin) | P Macro C(5Pin) |
|----------|--------------------|--------------------|--------------------|
| VIDEO1 | 0 | 0 | 0 |
| VIDEO2 | 0 | 1 | 0 |
| VIDEO3 | 1 | 0 | 0 |
| VIDEO4 | 1 | 1 | 0 |
| DVD | 0 | 0 | 1 |

7-7 Video/TV Detection : X13,IC3

Video Detection

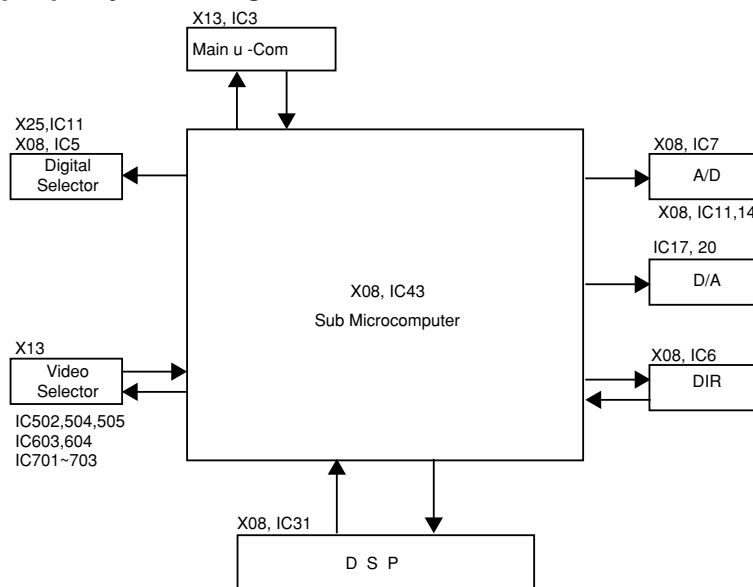
| Video Signal | P Macro IN(62Pin) |
|--------------|-------------------|
| Yes | H |
| No | L |

TV Detection

| TV POWER | TV SENS.(34Pin) |
|----------|-----------------|
| ON | H |
| OFF | L |

8. Sub microcomputer: uPD784224K507(X08, IC43)

8-1 Sub microcomputerperiphery block diagram



CIRCUIT DESCRIPTION

8-2 Port Description of Sub Microcomputer : uPD784224K507 (X08,IC43)

| Port No. | Port Name | I/O | Function | ACTIVE | |
|----------|----------------|-----|--|------------|-------------------------|
| | | | | H | L |
| 1 | ERF | I | D.I.R. (X08, IC6) error flag. | | |
| 2 | FS96 DET | I | 96KHz fs detection. H : fs>88.1kHz detection | | |
| 3 | AUTO | I | Non-PCM detection. H : Non-PCM detection | | |
| 4 | AVSS | - | GND | | |
| 5 | DIR PD | O | Power down for D.I.R. (X08, IC6). L : DIR power down and reset | | |
| 6 | DIR CS | O | Chip select for D.I.R. (X08, IC6). L : Chip selection | | |
| 7 | AVREF | - | Reference voltage. | | |
| 8 | DIR DIN | I | Data input from D.I.R. (X08, IC6). | | |
| 9 | DIR DOUT | O | Data output for D.I.R. (X08, IC6). | | |
| 10 | DIR CLK | O | Clock output for D.I.R. (X08, IC6). | | |
| 11 | D MUTE | O | Mute signal output for D.I.R. (X08, IC6). | | Data mute |
| 12 | DAC PD | O | Power down for D/A converter (X08, IC11/14/17/20). | | Power down |
| 13 | DAC 96K | O | Double speed sampling mode for D/A converter speed mode (X08, IC11/14/17/20). H : Double | | |
| 14 | DAC MUTE | O | Mute signal output for D/A converter (X08, IC11/14/17/20). | Mute | |
| 15 | ADC RST | O | Reset signal output for A/D converter (X08, IC7). | | Reset |
| 16 | MDT | I | Main microcomputer master data. | | |
| 17 | SDT | O | Sub microcomputer data output. | | |
| 18 | MCK | I | Main microcomputer control data clock | | |
| 19 | MREQ | I | Main microcomputer master request. | | |
| 20 | SREQ | O | Main microcomputer slave request. | | |
| 21 | REC 6dB | O | Rec gain control when HD CD +6dB. | +6dB on | |
| 22~24 | DSEL A~C | O | Control port for digital input selector (A~C). | | |
| 25 | DSP POWER | O | Power supply for DSP/DAC/ADC/DIR. | | |
| 26 | DSP RESET | O | Reset signal output for DSP. | | |
| 27~32 | DSP D0~D5 | I/O | DSP control data. | | |
| 33 | VSS | - | GND | | |
| 34,35 | DSP D6,7 | I/O | DSP control data. | | |
| 36 | DSP REQ | O | DSP communication request. | | Request |
| 37 | DSP ACK | I | Input port of command data reading from DSP. | | Ack. |
| 38 | DSP BUSY | I | DSP status busy. | Busy | |
| 39 | DSP WRT | O | DSP Write | Data write | Data read |
| 40 | DTS DET | I | DSP DTS detection. | DTS | |
| 41 | PCM ZERO | I | PCM zero data detection. | PCM 0 | |
| 42 | HD CD DET | I | DSP HD CD sync. Detection. | HD CD | |
| 43 | HD CD 6dB DET | I | DSP HD CD +6dB detection. (KPCM) | +6dB | |
| 44 | OVER LEVEL | I | DSP over level detection. | Over level | |
| 45 | PCM MUTE | O | DSP mute control (PCM). | | Fixed |
| 46 | DRIVE | O | DSP D.R.I.V.E. /HD CD control (PCM). | | D.R.I.V.E./ HD CD ON |
| 47 | SUB MUTE | O | Sub microcomputer analog mute. | | Mute on |
| 48~50 | C ROOMB(C/B/A) | O | Zone B video selector control. | | |
| 51,52 | YC SEL(B, A) | O | Zone A video selector control. | | |
| 53~59 | C ROOMA(A~G) | O | Zone A video selector control. | | |
| 60 | RESET | I | Reset signal input. | | |
| 61 | YC MUTE | O | Zone A video selector (Y/C) mute control. | | |
| 62 | FSC CTRL | O | Zone A video selector FSC control. | | |
| 63 | VSEL | O | Zone A video selector control. | | |
| 64 | CTRL A2 | O | Zone A video selector control A2. | | |
| 65 | CTRL B | O | Zone A video selector control B. | | |
| 66 | CTRL A | O | Zone A video selector control A. | | |

CIRCUIT DESCRIPTION

| Port No. | Port Name | I/O | Function | ACTIVE | |
|----------|-----------|-----|--------------------------------------|--------|-----------|
| | | | | H | L |
| 67 | VSS | - | GND | | |
| 68 | VDD | - | Power supply (+3.3V). | | |
| 69 | X2 | - | Crystal resonator (6MHz) connection. | | |
| 70 | X1 | I | Crystal resonator (6MHz) connection. | | |
| 71 | TEST | - | Pull down port. | | |
| 72 | XT2 | - | Unused. | | |
| 73 | XT1 | - | GND | | |
| 74 | VDD | - | Power supply (+3.3V). | | |
| 75 | AVDD | - | Power supply (+3.3V). | | |
| 76 | NC | - | Unused. | | |
| 77 | C DET | I | Zone A component signal detection. | | Detection |
| 78 | Y DET | I | Zone A S-terminal signal detection. | | Detection |
| 79 | CK DET | I | Zone A color killer detection. | | |
| 80 | OPT DET | I | Optical digital input detection. | | |

9. Description of the Circuit Control

* The number in the () is pin number of sub microcomputer.

9-1 Digital Selector

• VR-5700/5900/5090/KRF-X9995D(for OPT and COAX)

| INPUT | DSEL A(Pin22) | DSEL B(Pin23) | DSEL C(Pin24) |
|----------|---------------|---------------|---------------|
| CD1 | L | H | L |
| MD/TAPE1 | H | H | L |
| CD-R | L | L | H |
| VIDEO2 | H | L | H |
| VIDEO3 | L | H | H |
| VIDEO4 | H | H | H |
| DVD | H | L | L |
| OTHERS | L | L | L |

• VR-5080/KRF-X7775D

| INPUT | DSEL A (Pin22) | DSEL B (Pin23) | DSEL C (Pin24) |
|---------------|----------------|----------------|----------------|
| CD1(OPT) | L | H | L |
| VIDEO2(COAX) | L | H | L |
| VIDEO3(COAX) | H | H | L |
| DVD(OPT/COAX) | H | L | L |
| OTHERS | L | L | L |

9-2 Video Selector

(BA7649AF,BA7611AF,BA7612F,BA7613F)

① VSEL

| INPUT | VSEL(Pin63) |
|--------|-------------|
| VIDEO1 | L |
| VIDEO2 | L |
| VIDEO3 | L |
| VIDEO4 | L |
| AV-AUX | L |
| DVD | H |
| V MUTE | L |

② Y C Select

② -1 Y Detect(Pin78) = H

| INPUT | Y C SEL A (Pin52) | Y C SEL B (Pin51) |
|--------|-------------------|-------------------|
| VIDEO1 | L | H |
| VIDEO2 | L | H |
| VIDEO3 | L | H |
| VIDEO4 | L | H |
| AV-AUX | L | H |
| DVD | H | L |
| V MUTE | H | H |

③ CTRL A, CTRL A2, CTRL B

③ -1 C Detect(Pin77) = L

VR-5900/5090/KRF-X9995D

② -2 Y Detect(Pin78) = L

| INPUT | Y C SEL A (Pin52) | Y C SEL B (Pin51) |
|--------|-------------------|-------------------|
| VIDEO1 | L | L |
| VIDEO2 | L | L |
| VIDEO3 | L | L |
| VIDEO4 | L | L |
| AV-AUX | L | L |
| DVD | L | L |
| V MUTE | H | H |

| INPUT | CTRL A (Pin66) | CTRL A2 (Pin64) | CTRL B (Pin65) |
|--------|----------------|-----------------|----------------|
| VIDEO1 | L | L | H |
| VIDEO2 | L | L | H |
| VIDEO3 | L | L | L |
| VIDEO4 | L | L | H |
| AV-AUX | L | L | H |
| DVD | H | H | L |
| V MUTE | H | H | H |

CIRCUIT DESCRIPTION

③ -2 C Detect(Pin77) = H

• CK DET(Pin79) = L

VR-5900/5090/KRF-X9995D

| INPUT | CTRL A (Pin66) | CTRL A2 (Pin64) | CTRL B (Pin65) |
|--------|-------------------|--------------------|-------------------|
| VIDEO1 | L | L | H |
| VIDEO2 | L | L | H |
| VIDEO3 | L | L | H |
| VIDEO4 | L | L | H |
| AV-AUX | L | L | H |
| DVD | L | L | H |
| V MUTE | H | H | H |

③ -3 CK DET(Pin79) = H

VR-5900/5090/KRF-X9995D

| INPUT | CTRL A (Pin66) | CTRL A2 (Pin64) | CTRL B (Pin65) |
|--------|-------------------|--------------------|-------------------|
| VIDEO1 | L | H | H |
| VIDEO2 | L | H | H |
| VIDEO3 | L | H | H |
| VIDEO4 | L | H | H |
| AV-AUX | L | H | H |
| DVD | L | H | H |
| V MUTE | H | H | H |

④ CPST A(Pin53~59)

④ -1 Y Detect(Pin78) = H

| INPUT | CPST AA (Pin59) | CPST AB (Pin58) | CPST AC (Pin57) | CPST AD (Pin56) | CPST AE (Pin55) | CPST AF (Pin54) | CPST AG (Pin53) |
|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| VIDEO1 | L | L | L | L | L | L | L |
| VIDEO2 | H | H | H | H | L | L | L |
| VIDEO3 | L | H | L | L | L | L | L |
| VIDEO4 | L | H | H | L | L | L | L |
| AV-AUX | H | L | L | L | L | L | L |
| DVD | L | H | L | L | H | L | L |
| V MUTE | L | H | L | L | H | H | H |

④ -2 Y Detect(Pin78) = L

| INPUT | CPST AA (Pin59) | CPST AB (Pin58) | CPST AC (Pin57) | CPST AD (Pin56) | CPST AE (Pin55) | CPST AF (Pin54) | CPST AG (Pin53) |
|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| VIDEO1 | L | L | L | L | L | L | H |
| VIDEO2 | H | H | H | H | L | L | H |
| VIDEO3 | L | H | L | L | L | L | H |
| VIDEO4 | L | H | H | L | L | L | H |
| AV-AUX | H | L | L | L | L | L | H |
| DVD | L | H | L | L | H | H | L |
| V MUTE | L | H | L | L | H | H | H |

⑤ CPST B(Pin48~50)

| INPUT | CPST BA (Pin50) | CPST BB (Pin49) | CPST BC (Pin48) |
|--------|--------------------|--------------------|--------------------|
| VIDEO1 | L | L | L |
| VIDEO2 | L | H | L |
| VIDEO3 | H | L | L |
| VIDEO4 | H | H | L |
| DVD | L | H | H |

10. Key Matrix

* The number in the () is pin number of FL driver (X25,IC1).

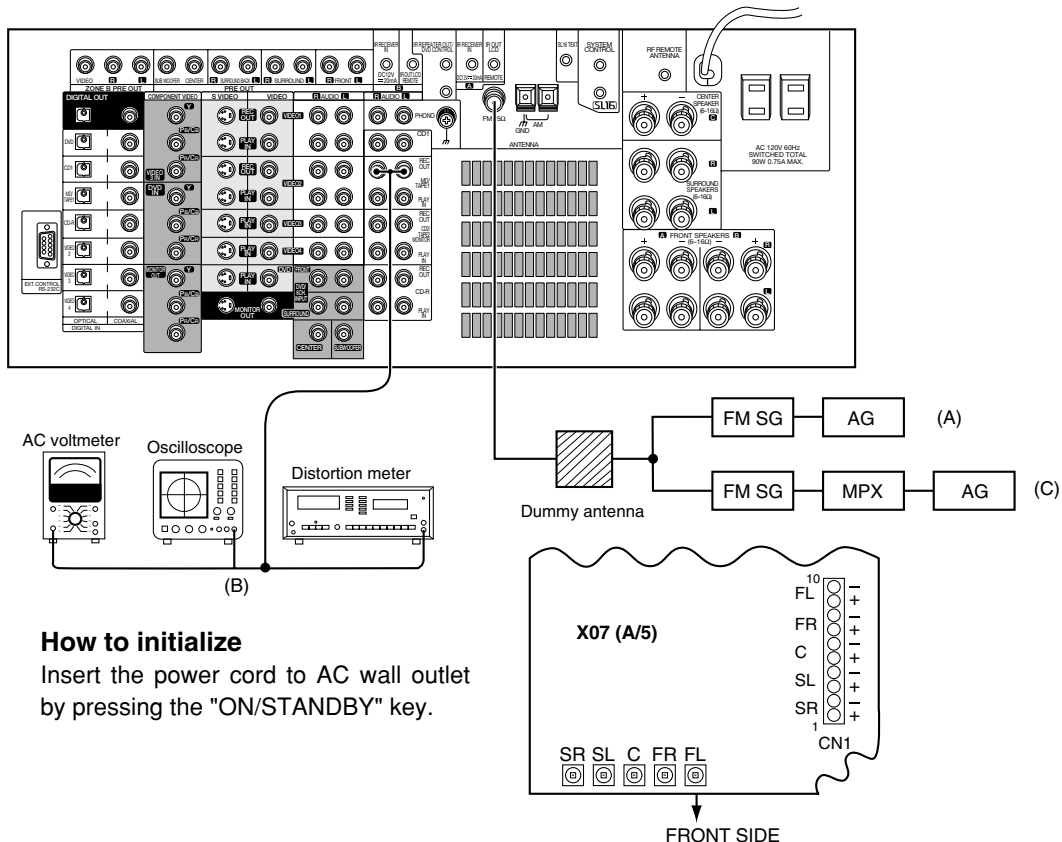
* KRF-X9995D/VR-5900 only

| | Key | |
|--------------|--------------|------------------|
| Key 1(Pin26) | INPUT UP | * OPEN/CLOSE |
| Key 2(Pin27) | AUTO | BAND |
| Key 3(Pin28) | P. CALL UP | MEMORY |
| Key 4(Pin29) | P. CALL DOWN | MULTI CONT. UP |
| Key 5(Pin30) | SOUND/SET UP | MULTI CONT. DOWN |
| Key 6(Pin31) | LISTEN MODE | THX |
| Key 7(Pin32) | INPUT MODE | CD2/TAPE2 MONI. |
| Key 8(Pin33) | SPEAKER A | SPEAKER B |

ADJUSTMENT

| No. | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | RECEIVER SETTINGS | ALIGNMENT POINTS | ALIGN FOR | FIG. |
|----------------------|------------------------|--|--|---|---|--|------|
| FM SECTION : | | SELECTOR : FM | *Adjust NO.1 and NO.2 repeatedly. | | | | |
| 1 | DISCRIMINATOR | (A) 98.0MHz 1kHz, ±40kHz dev. 70dBf (ANT. input) | Connect a DC voltmeter between CN2 ① and CN2 ② (X05) | MONO 98.0MHz | L4 (X05-) | 0V | |
| 2 | DISTORTION (MONO) | (A) 98.0MHz 1kHz, ±40kHz dev. MONO 70dBf (ANT. input) | (B) | MONO 98.0MHz | L5 (X05-) | Minimum distortion | |
| 3 | DISTORTION (STEREO) | (C) 98.0MHz 1kHz, ±40kHz dev. Selector : L or R Pilot : ±6kHz dev. 70dBf (ANT. input) | (B) | AUTO 98.0MHz | IFT(RF FRONT END : A1) (X05-) | Minimum distortion (L or R) | |
| 4 | TUNING LEVEL | (A) 98.0MHz MONO 1kHz, ±40kHz dev. 30dBf (ANT. input) | — | MONO 98.0MHz | VR1 (X05-) | Adjust VR1 and stop at the point where ED1 (TUNED) goes on. | |
| AUDIO SECTION | | SPEAKER : A | PREOUT : OFF | PROLOGIC : ON | | | |
| <1> | IDLE CURRENT | — | Connect a DC voltmeter across each T.P. CN1(⑨, ⑩) FLch CN1(⑤, ⑥) Cch CN1(⑦, ⑧) FRch CN1(①, ②) SRch CN1(③, ④) SRch X07(A/5) | (FRONT 2ch MODE) Volume: Minimum | VR1(FL) VR2(FR) VR3(SL) VR4(SR) VR5(CENTER) X07(A/5) | Adjust every potentiometer 10 minutes later after turned the power on. | |

SYSTEM CONNECTIONS



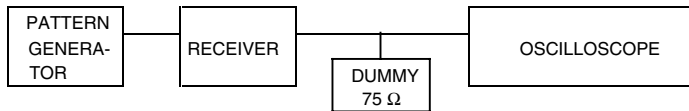
ADJUSTMENT

Adjustment of Sub Color and Contrast (X35, VR1, VR2)

Except KRF-X7775D/VR-5080

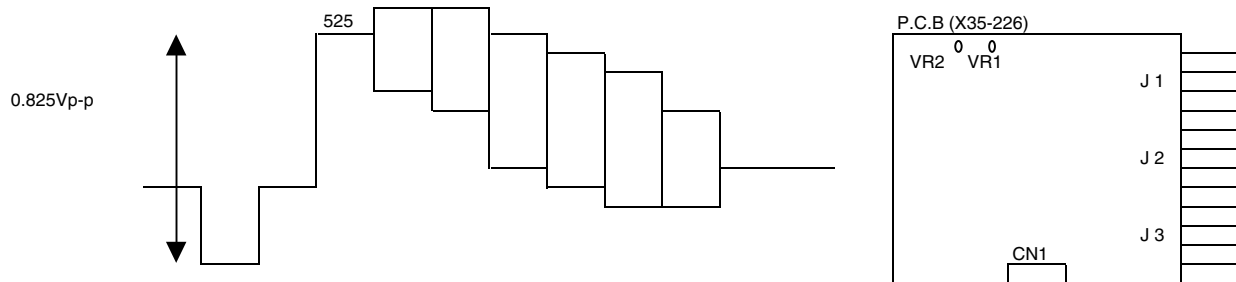
| No. | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | ALIGNMENT POINTS | ALIGNMENT FOR | FIG. |
|-----|-----------|-------------------------------------|---|------------------|--|-------|
| 1 | SUB COLOR | PAL 75% COLOR BAR (NO SET UP) | Connect a component video output(Y) to oscilloscope with 75Ω. | VR2 | (Adjust an amplitude of video signal.) 0.825Vp - p | FIG.1 |
| 2 | CONTRAST | PAL 75% COLOR BAR (NO SET UP) | Connect a component video output(Cb,Cr) to oscilloscope with 75Ω. | VR1 | (Adjust an amplitude of video signal.) ±0.525Vp - p | FIG.2 |

INSTRUMENTS CONNECTION

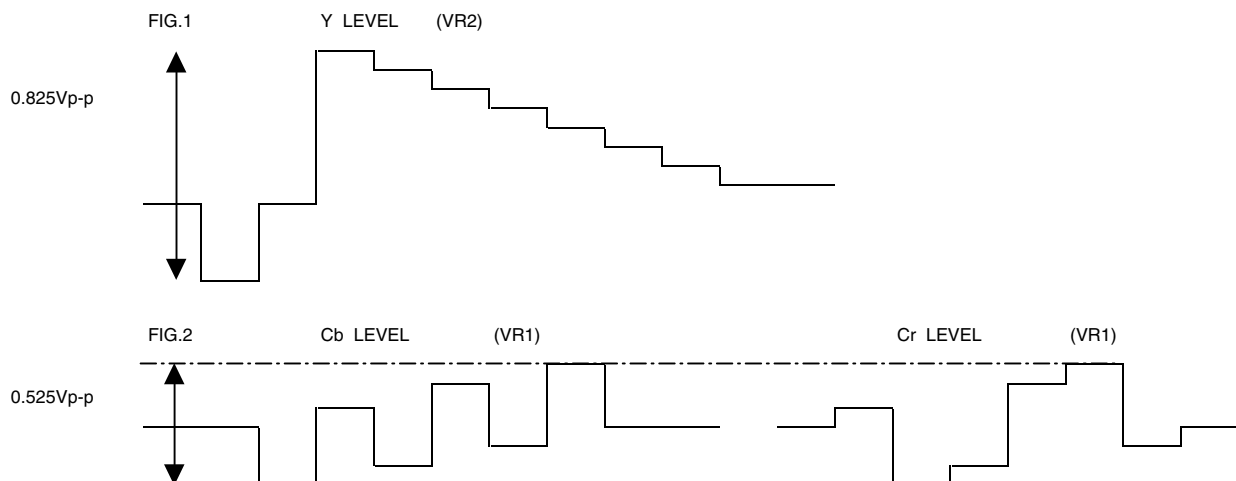


INPUT SIGNAL : 75% COLOR BAR SIGNAL

| PARAMETER | | WHITE | YELLOW | CYAN | GREEN | MAGENTA | RED | BLUE |
|--------------------|-----|-------|--------|------|-------|---------|-----|------|
| LUMINANCE LEVEL | mV | 525 | 465 | 368 | 308 | 217 | 157 | 60 |
| | IRE | | | | | | | |
| CHROMA LEVEL | mV | 0 | 470 | 664 | 620 | 620 | 664 | 470 |
| | IRE | | | | | | | |
| CHROMA PHASE (deg) | +V | | 167 | 283 | 241 | 61 | 103 | 347 |
| | -V | | 193 | 77 | 119 | 299 | 257 | 13 |



ADJUSTMENT OUTPUT SIGNAL :

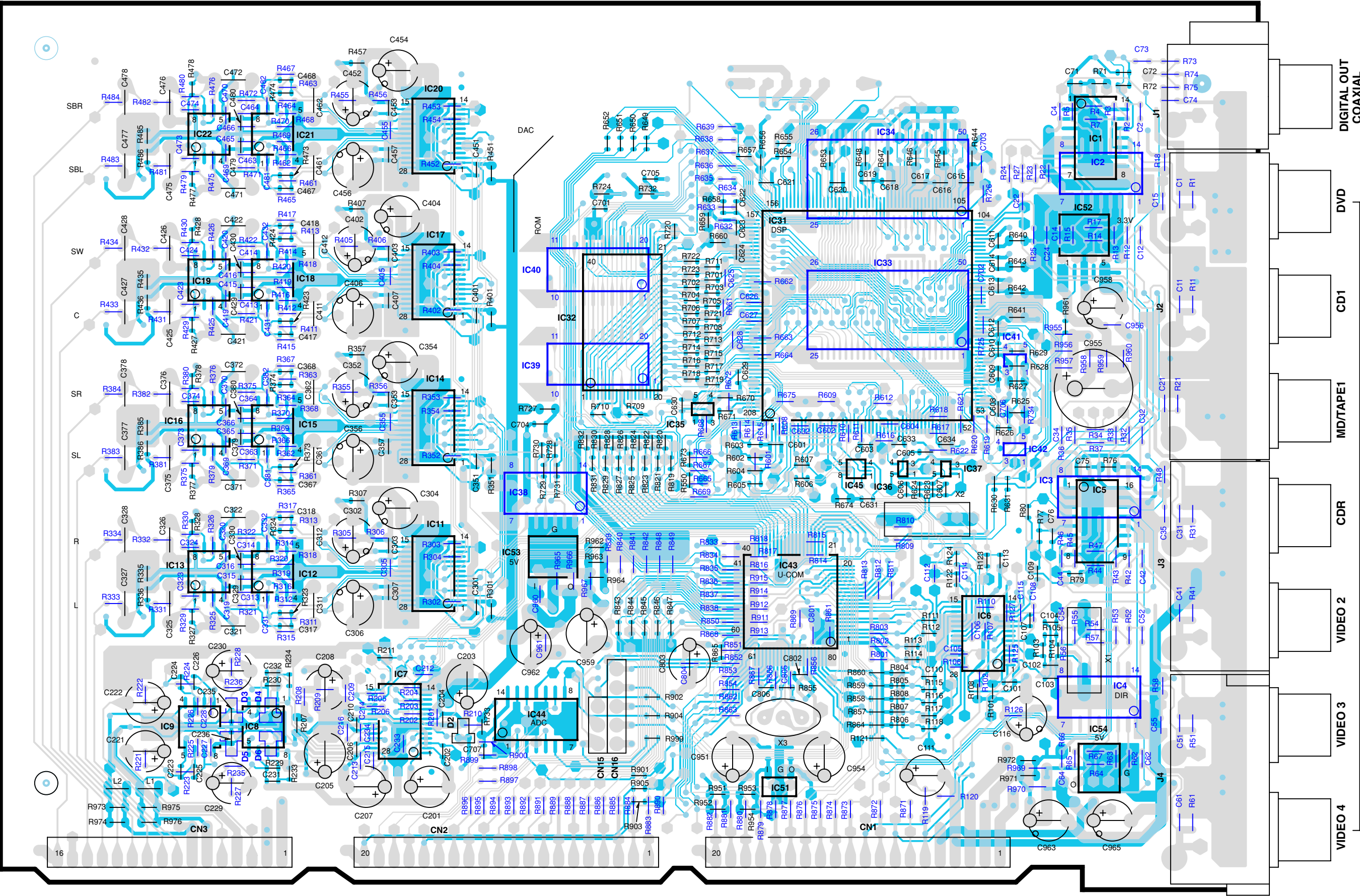


| Segment | Color |
|---------|-------|
| 1 | Black |
| 2 | White |
| 3 | Black |
| 4 | White |
| 5 | Black |
| 6 | White |
| 7 | Black |

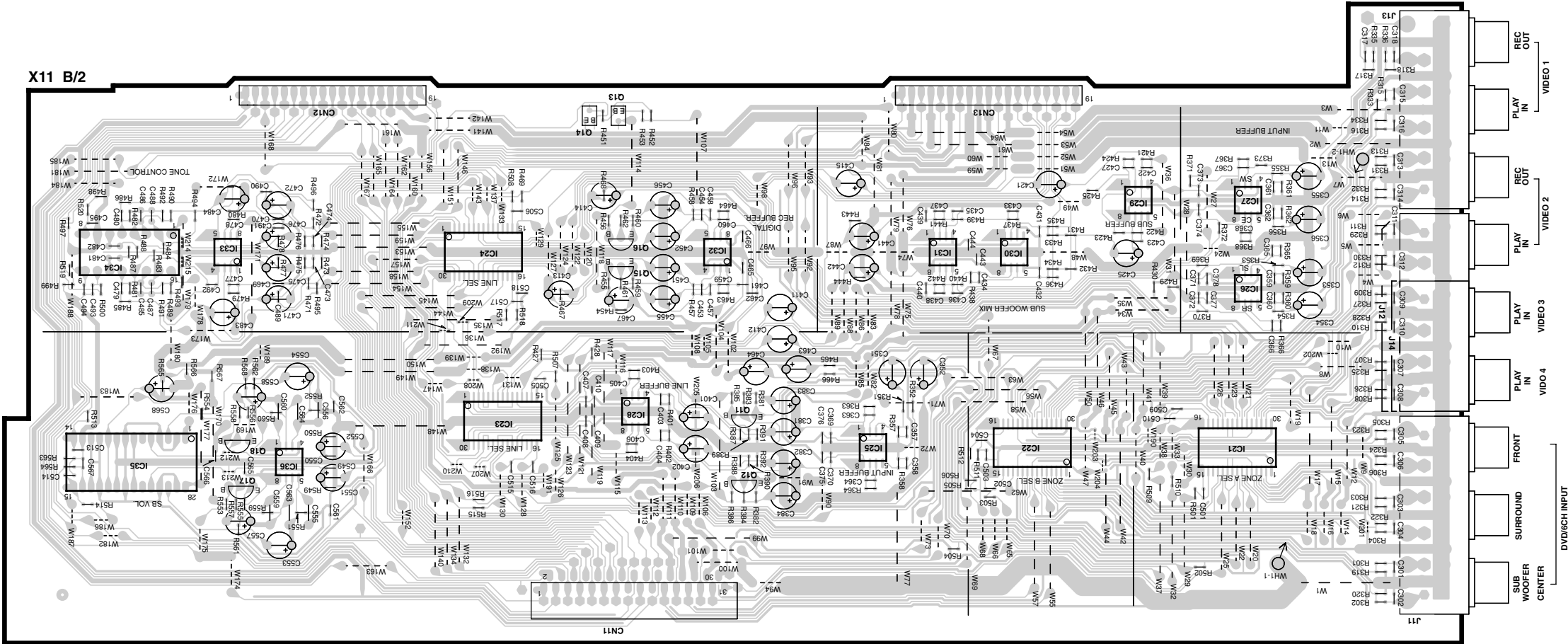


PC BOARD (Component side view)

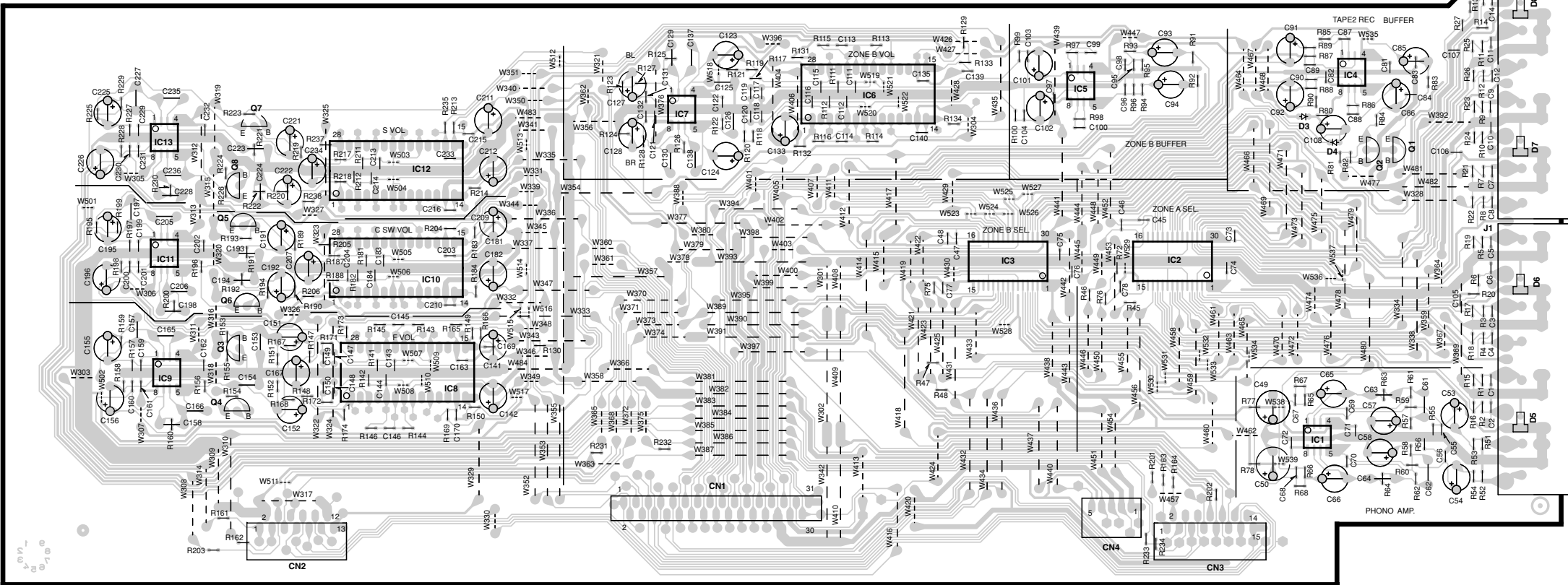
X08-3090-11 (J70-1482-12)



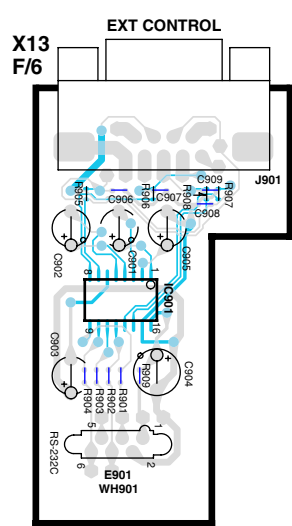
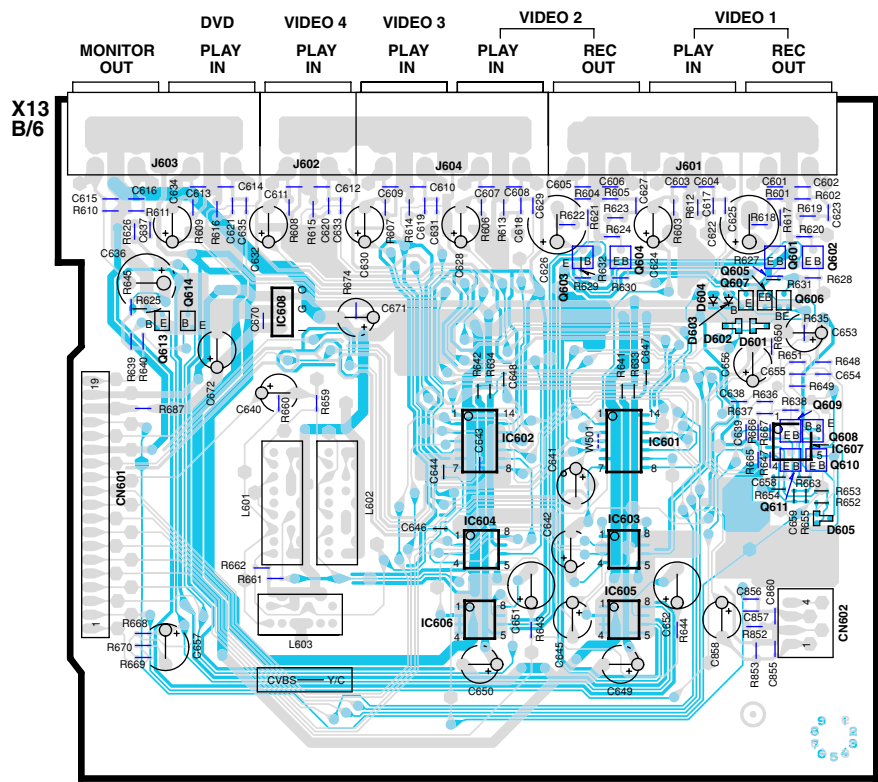
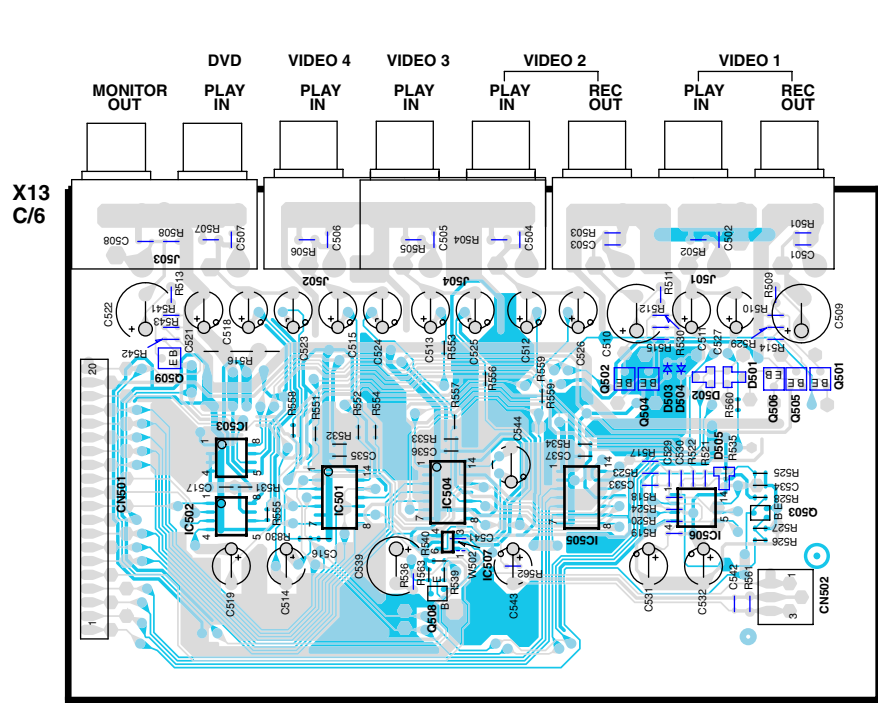
PC BOARD (Component side view)



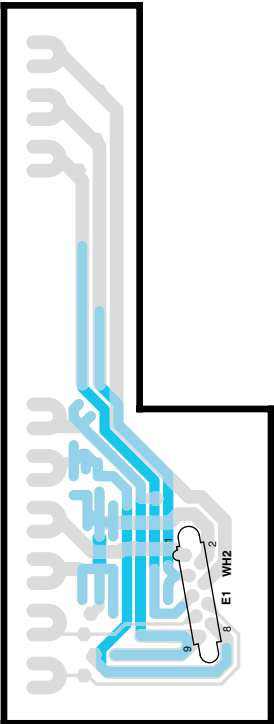
X11-3890-11 A/2 (J70-1477-11)



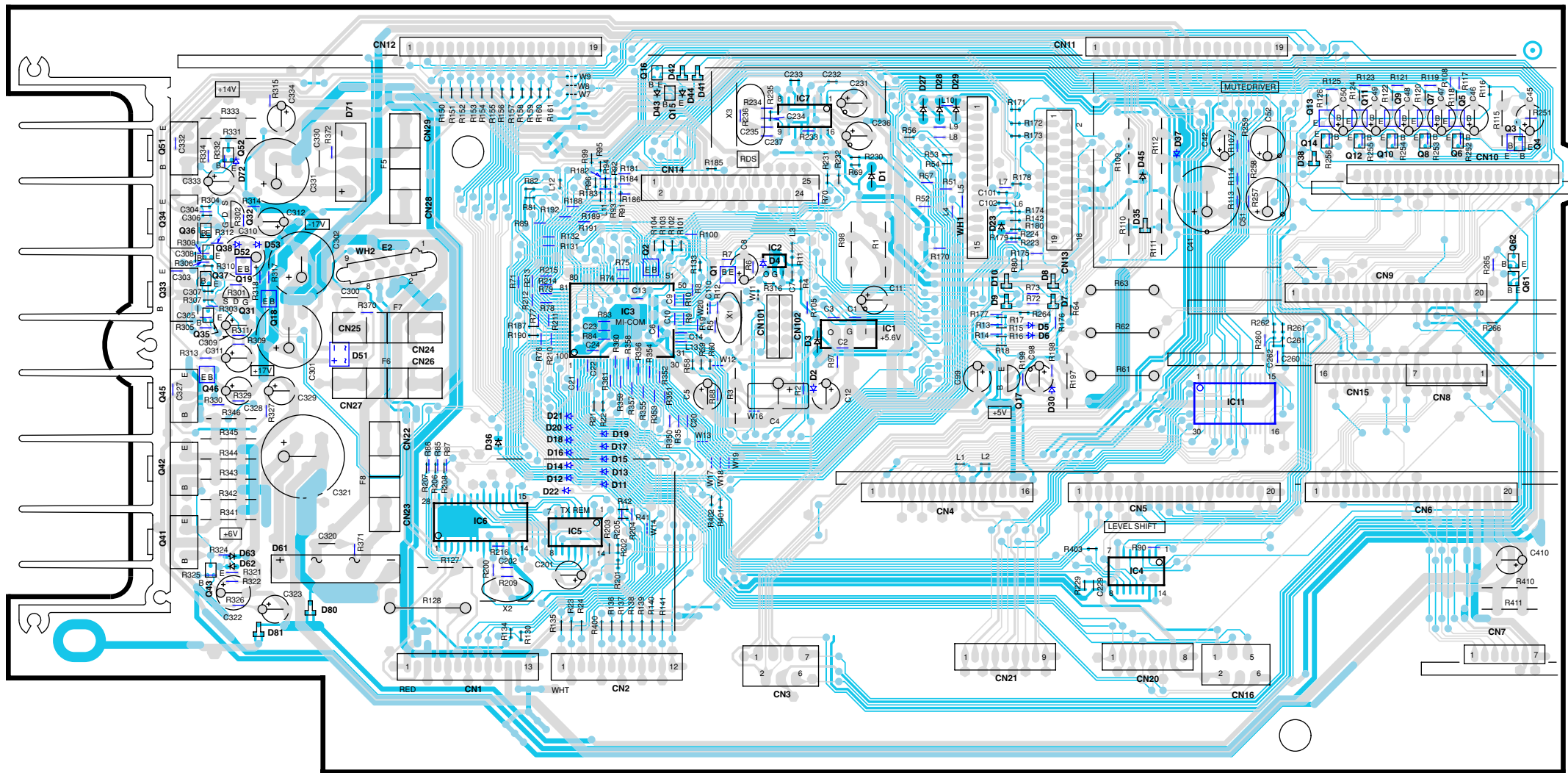
PC BOARD (Component side view)



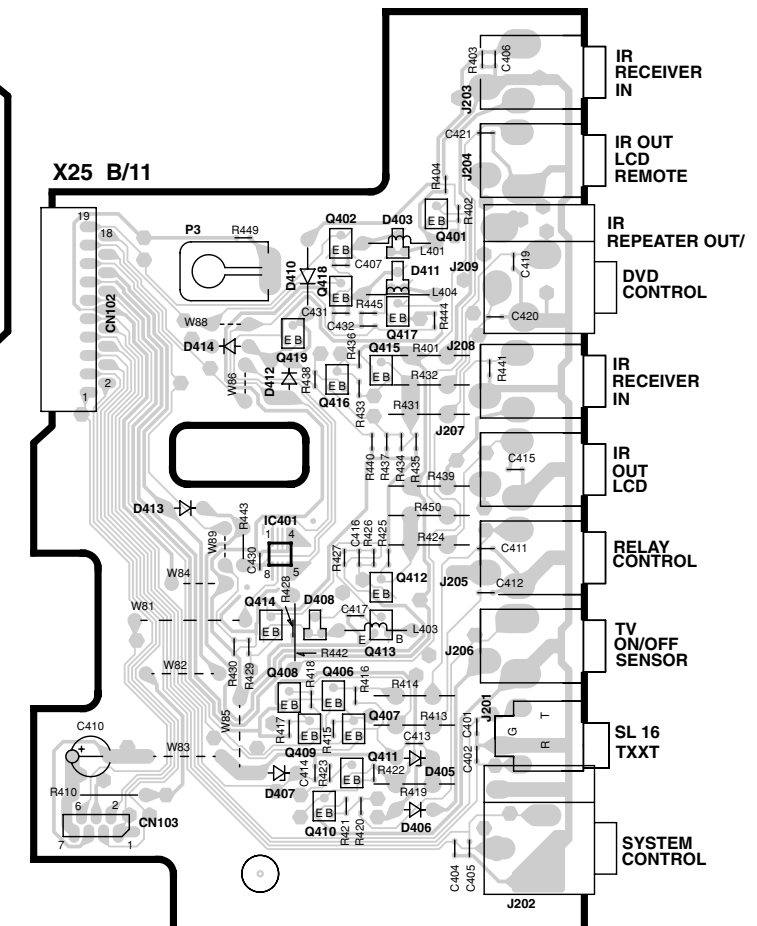
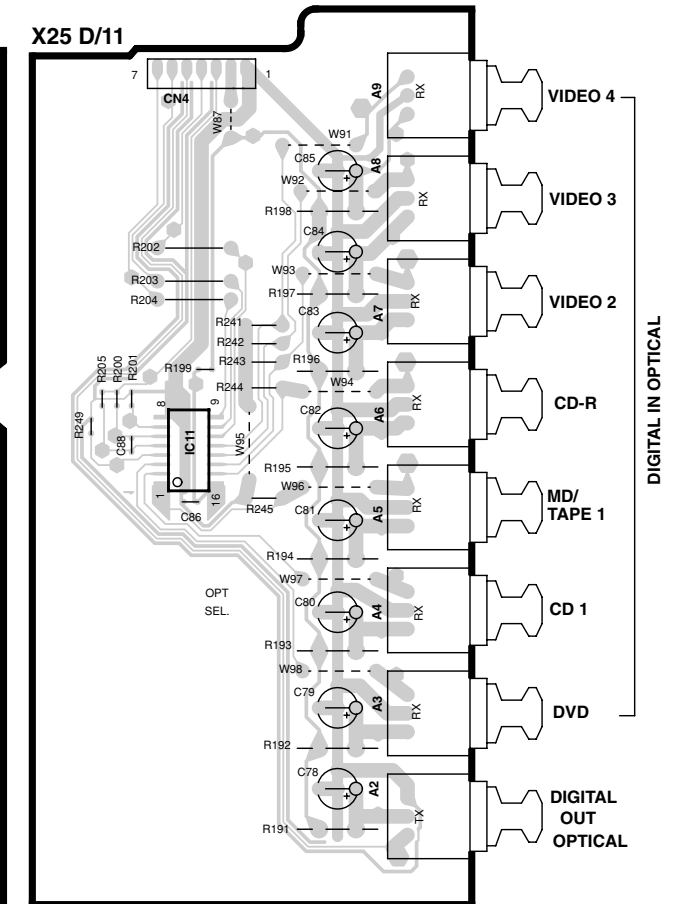
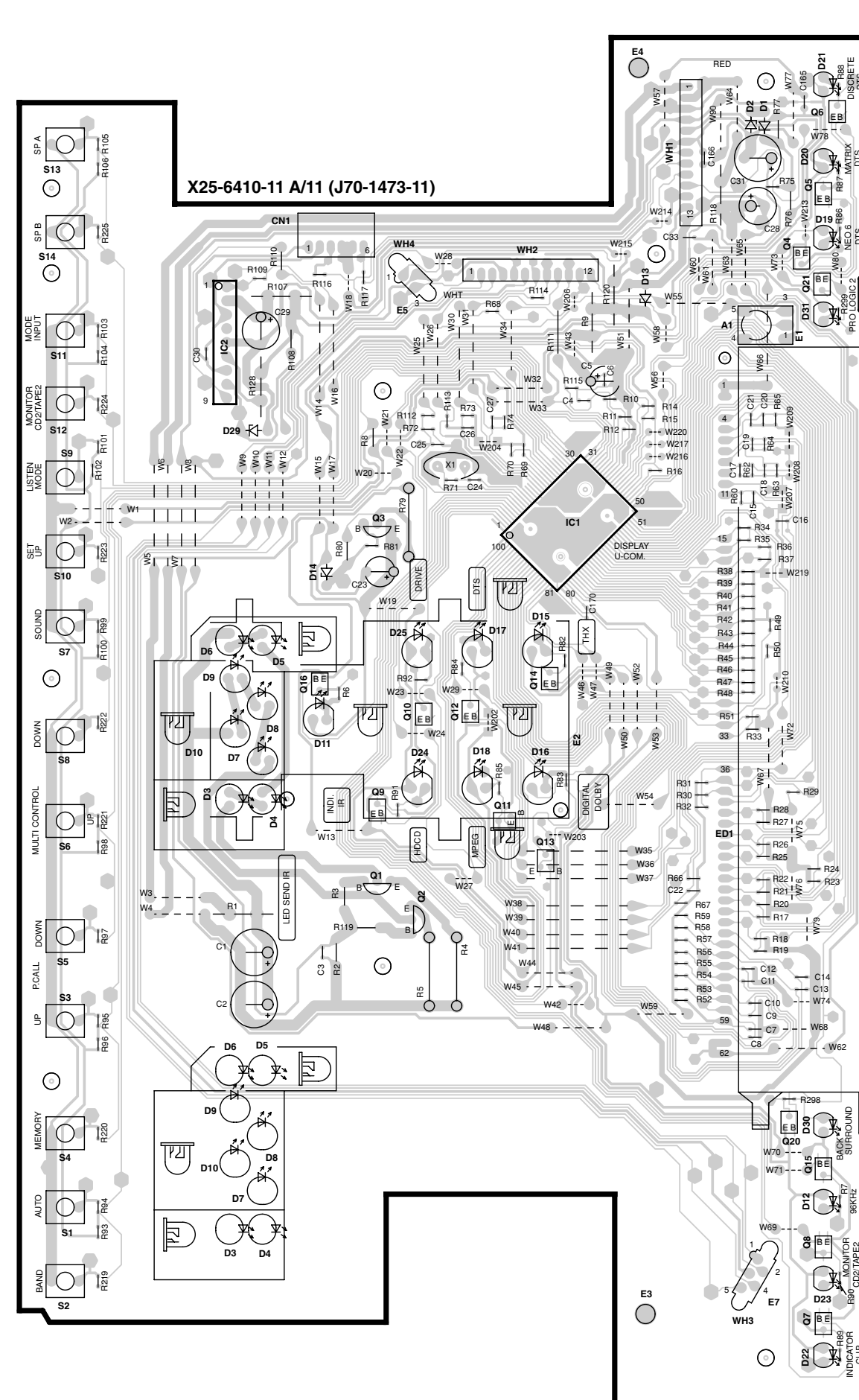
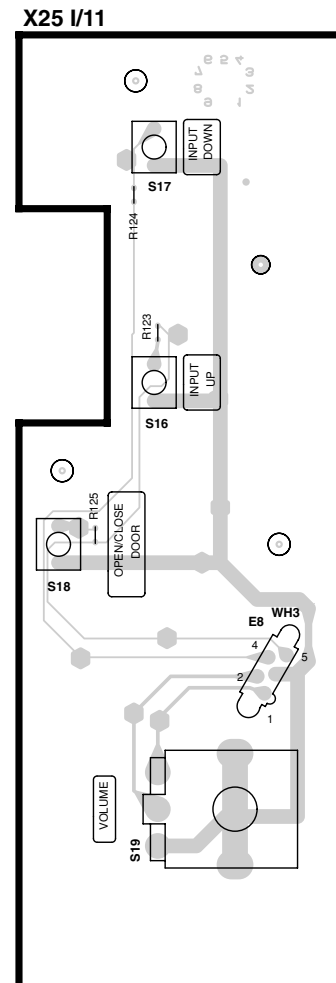
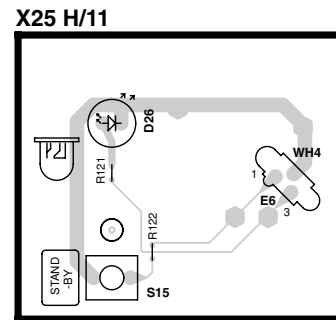
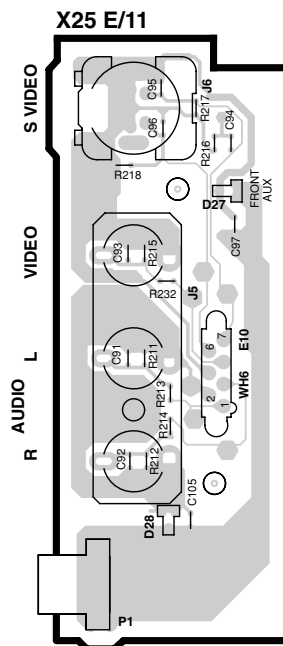
X13 E/6



X13-7840-11 A/6 (J70-1472-11)

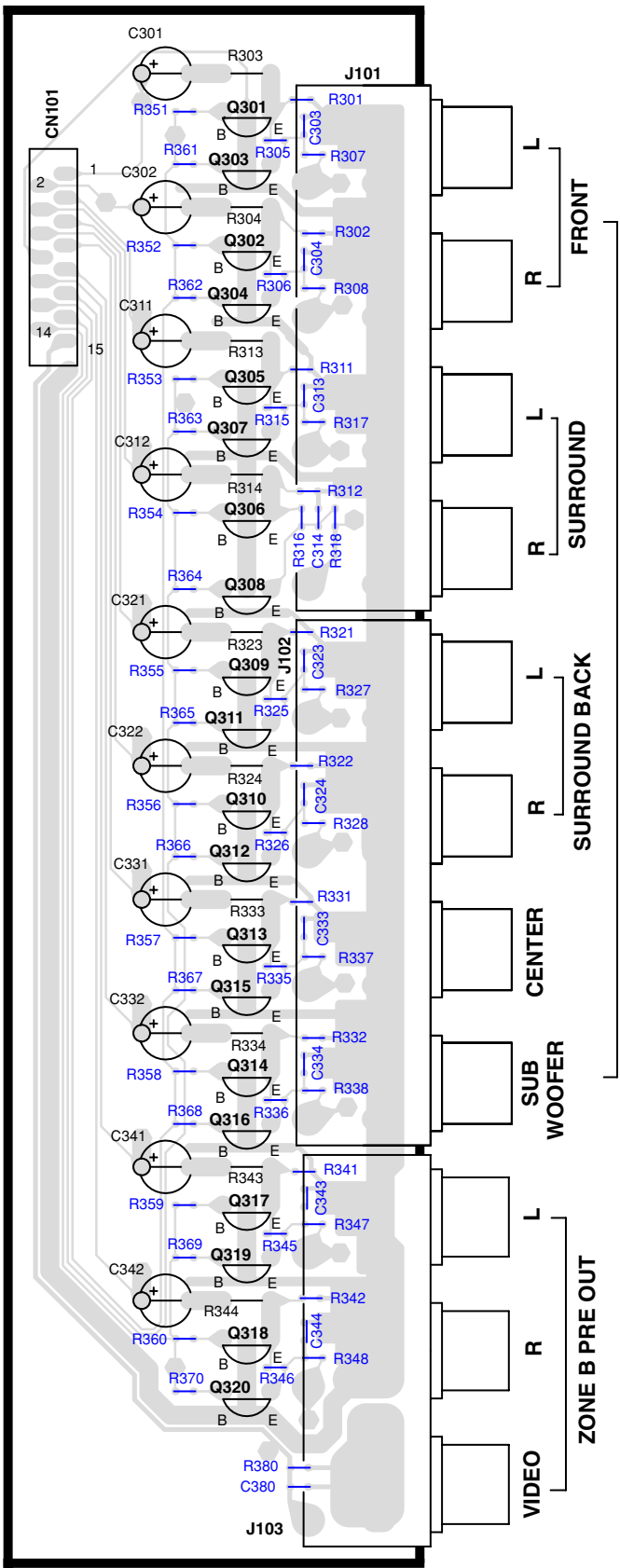


PC BOARD (Component side view)

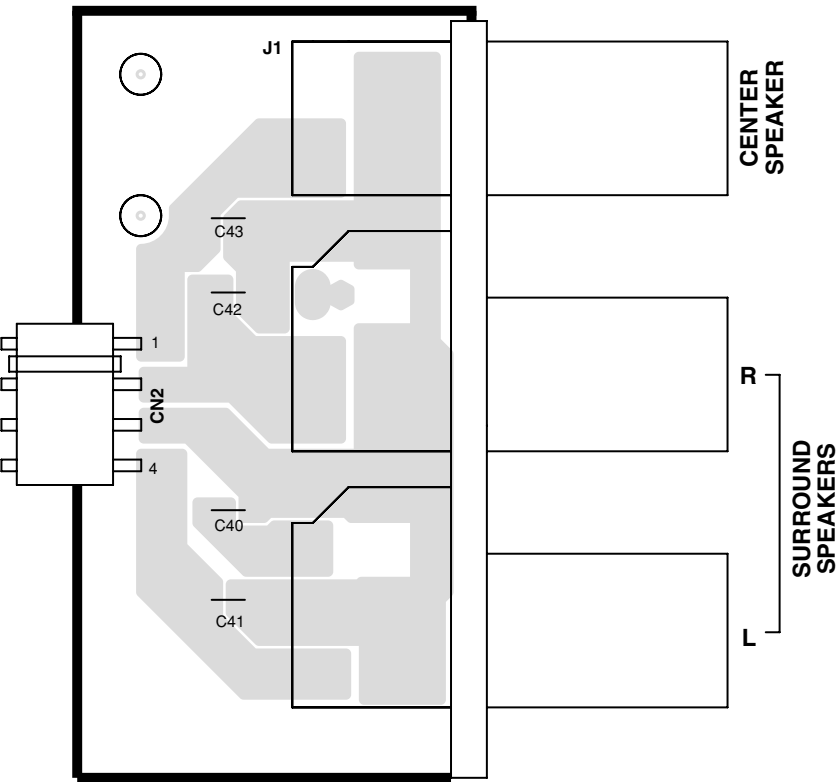


PC BOARD (Component side view)

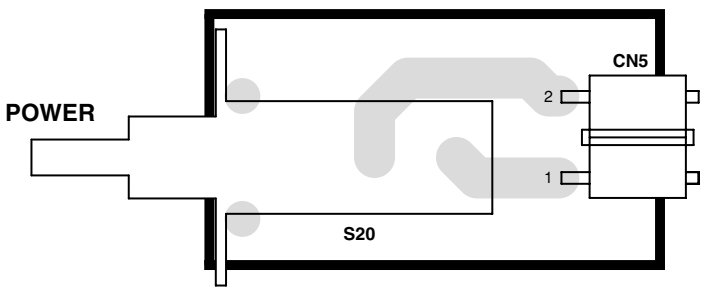
X25 C/11



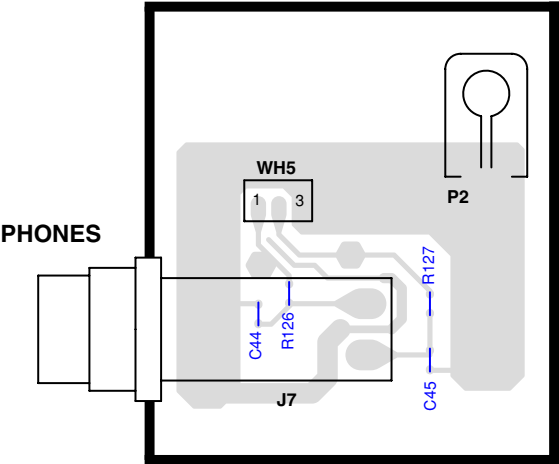
X25 J/11



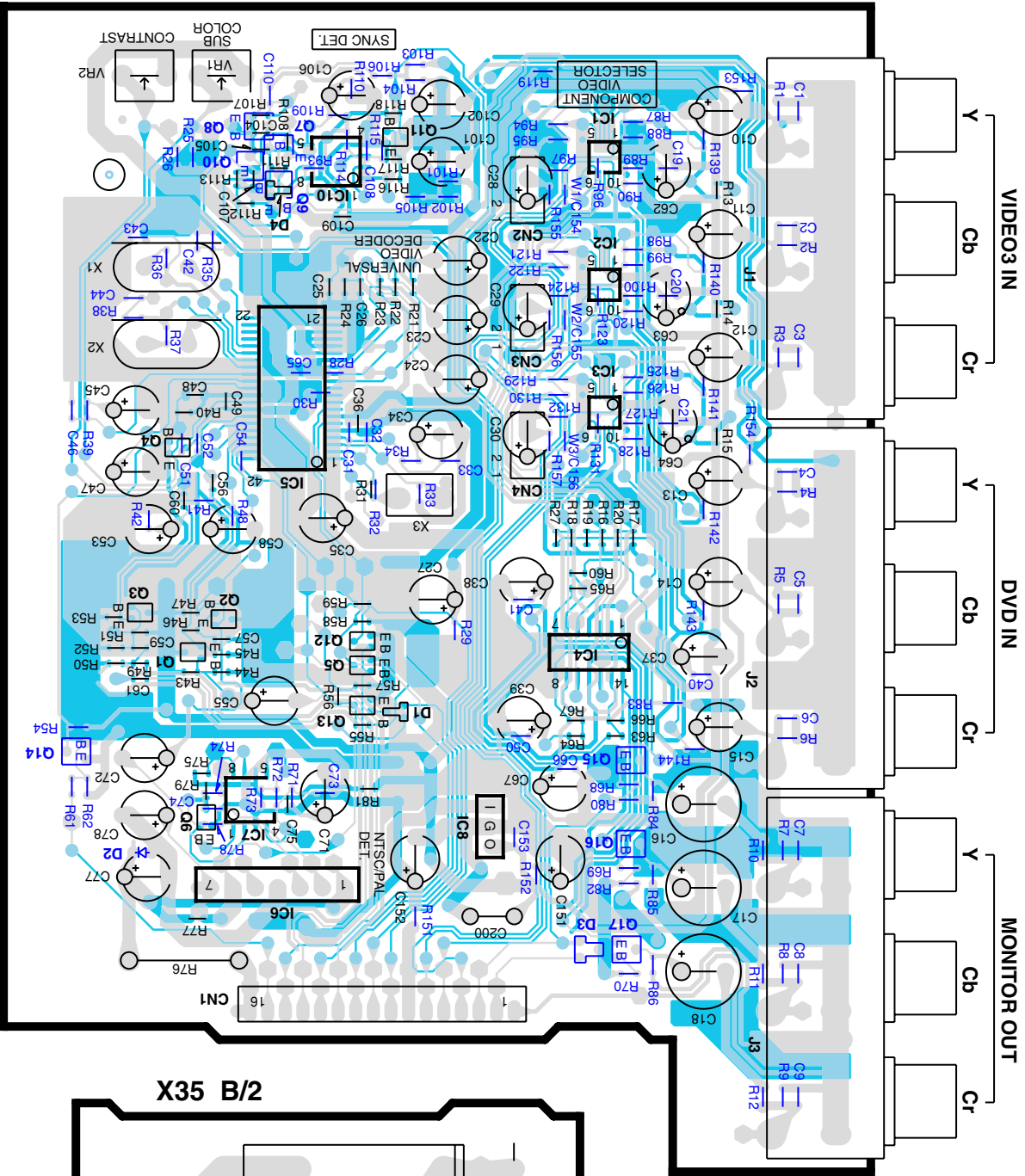
X25 G/11



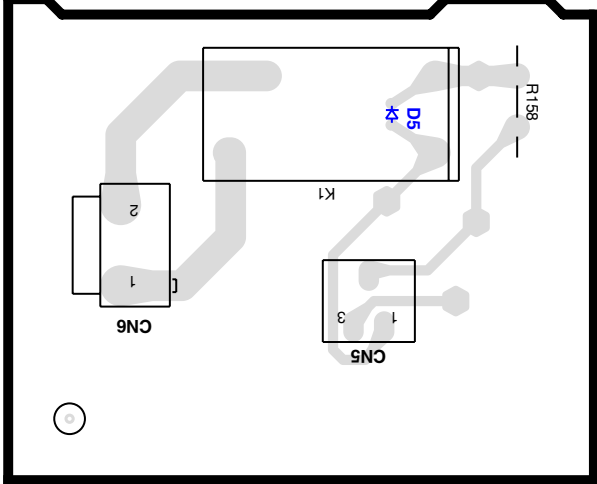
X25 F/11



X35-2260-10 A/2
(J70-1475-11)

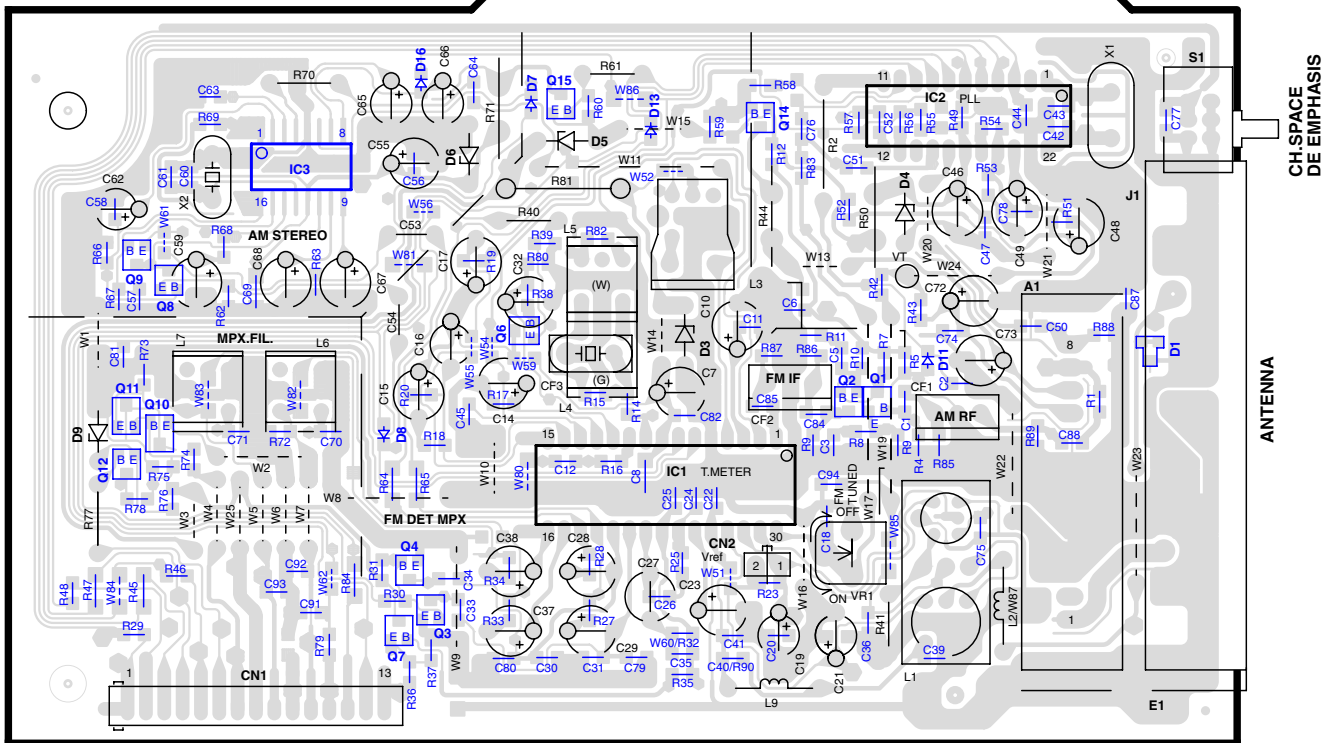


X35 B/2

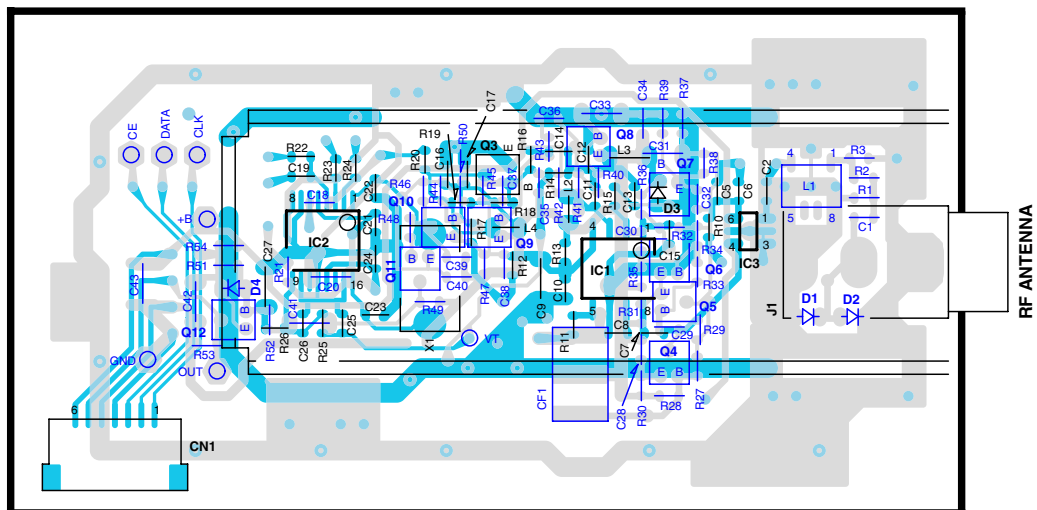


PC BOARD (Component side view)

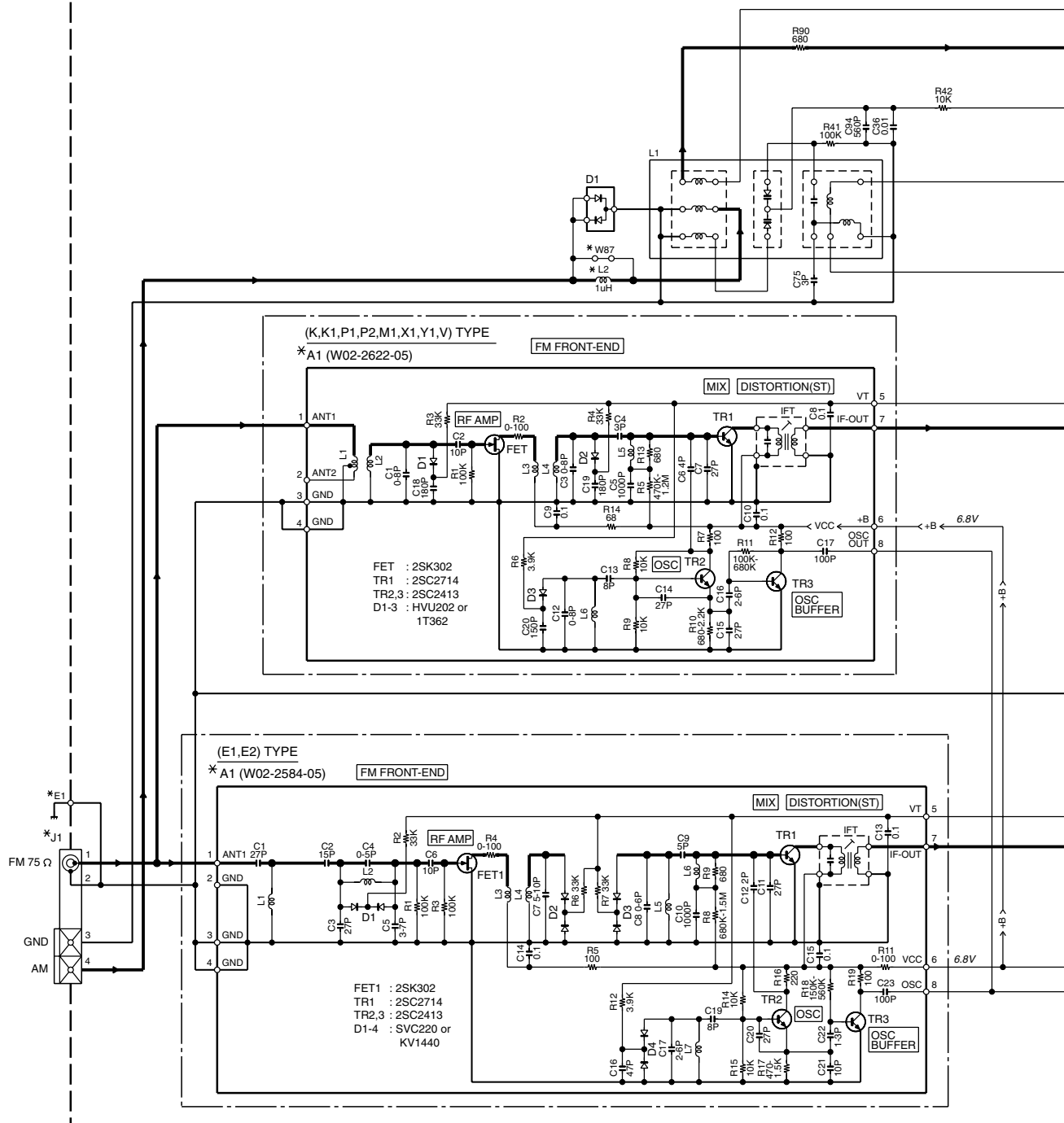
X05-5130-13 (J70-1381-11)



X05-5100-11 (J70-1411-32)



TUNER UNIT (X05-51XX-XX)



VR-5080/5090 (X05-5130-13)

| DESTINATION | UNIT No. | A | B | C | F | A1 | C25 | C30, 31 | C70, 71, 77 | C74, 77, 92, 93 | C79, 80 | CF1,2 | E1 | J1 | L2, 6, 7 | R8, 11 | R23 | R25 | R27, 28 | R29 | R72, 73 | S1 | W56 | W82, 83, 87 |
|-------------|----------|------|----|---|---|----------|------|---------|-------------|-----------------|---------|---------------|----------|----------|----------|--------|------|-----|---------|-----|---------|----|-----|-------------|
| COUNTRY | ABB. | | | | | | | | | | | | | | | | | | | | | | | |
| U.S.A. | K,K1 | 0-13 | NO | | | W02-2622 | 180P | 0.033 | NO | YES | 1000P | L72-0596(MS2) | F10-1108 | E70-0141 | NO | 33 | 4.7K | 18K | 6.8K | NO | 33K | NO | NO | YES |
| CANADA | P1,P2 | | | | | | | | | | | | | | | | | | | | | | | |

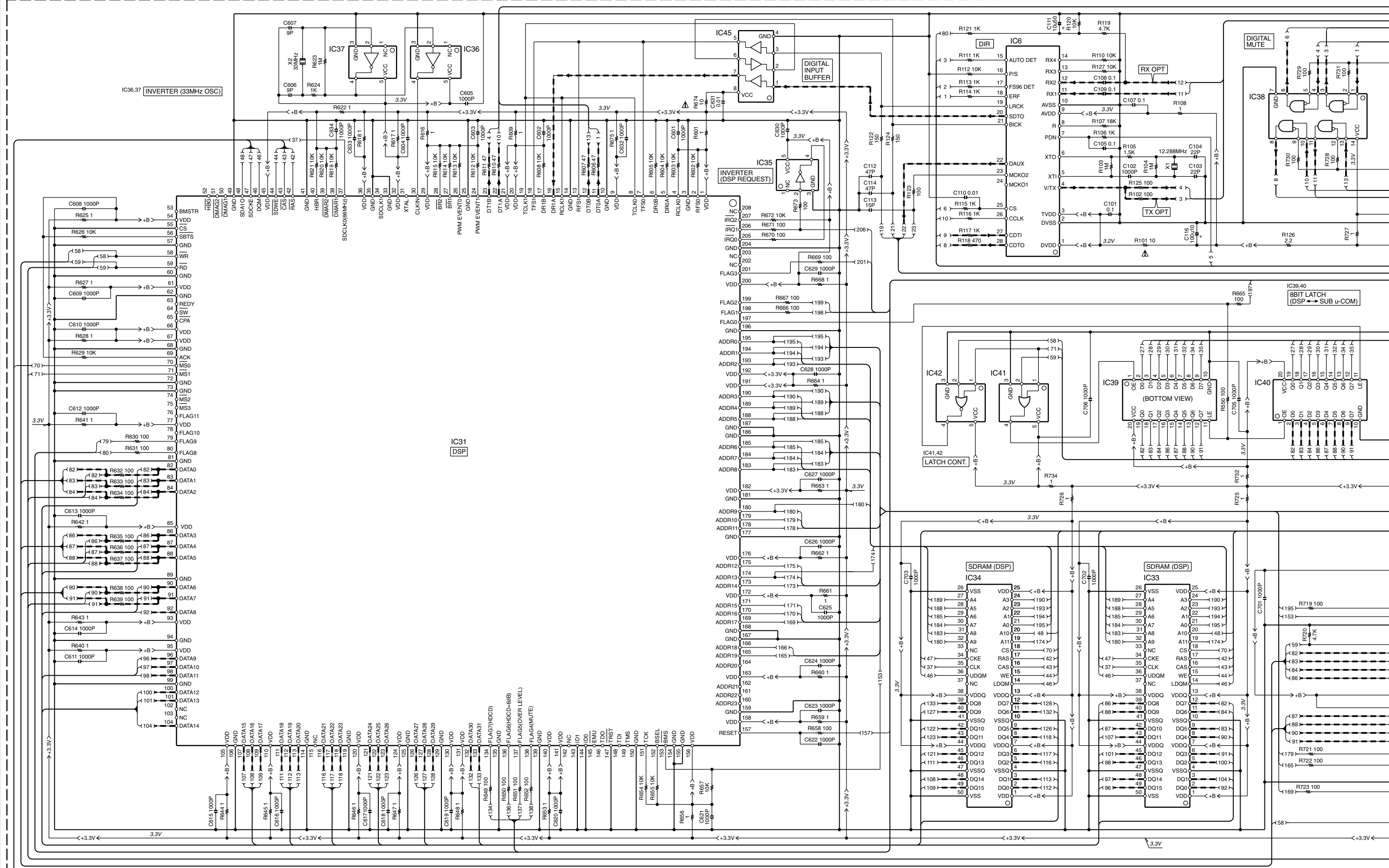
KRF-X7775D (X05-5132-71)

| DESTINATION | | UNIT No. | A | C | C | B | A1 | C25 | C30, 31 | C70,71, 78,82 | C74,77, 92,93 | C79, 80 | CF1,2 | E1 | J1 | L2, 6,7 | R8 | R11 | R23 | R25 | R27, 28 | R29 | R72, 73 | S1 | W56 | W82, 83,87 |
|-------------|------|----------|-----|----|---|----------|------|-------|---------|---------------|---------------|---------------|----------|----------|-----|---------|----|-----|-----|------|---------|------|---------|----|-----|------------|
| COUNTRY | ABB. | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUROPE | E1 | 2-71 | YES | NO | | W02-2584 | 180P | 0.022 | YES | NO | 4700P | L72-0536(MS3) | F10-1109 | E70-0080 | YES | 10 | 22 | 15K | 27K | 4.3K | NO | 3.9K | NO | NO | NO | NO |

KRF-X7775D-S (X05-51XX-XX)

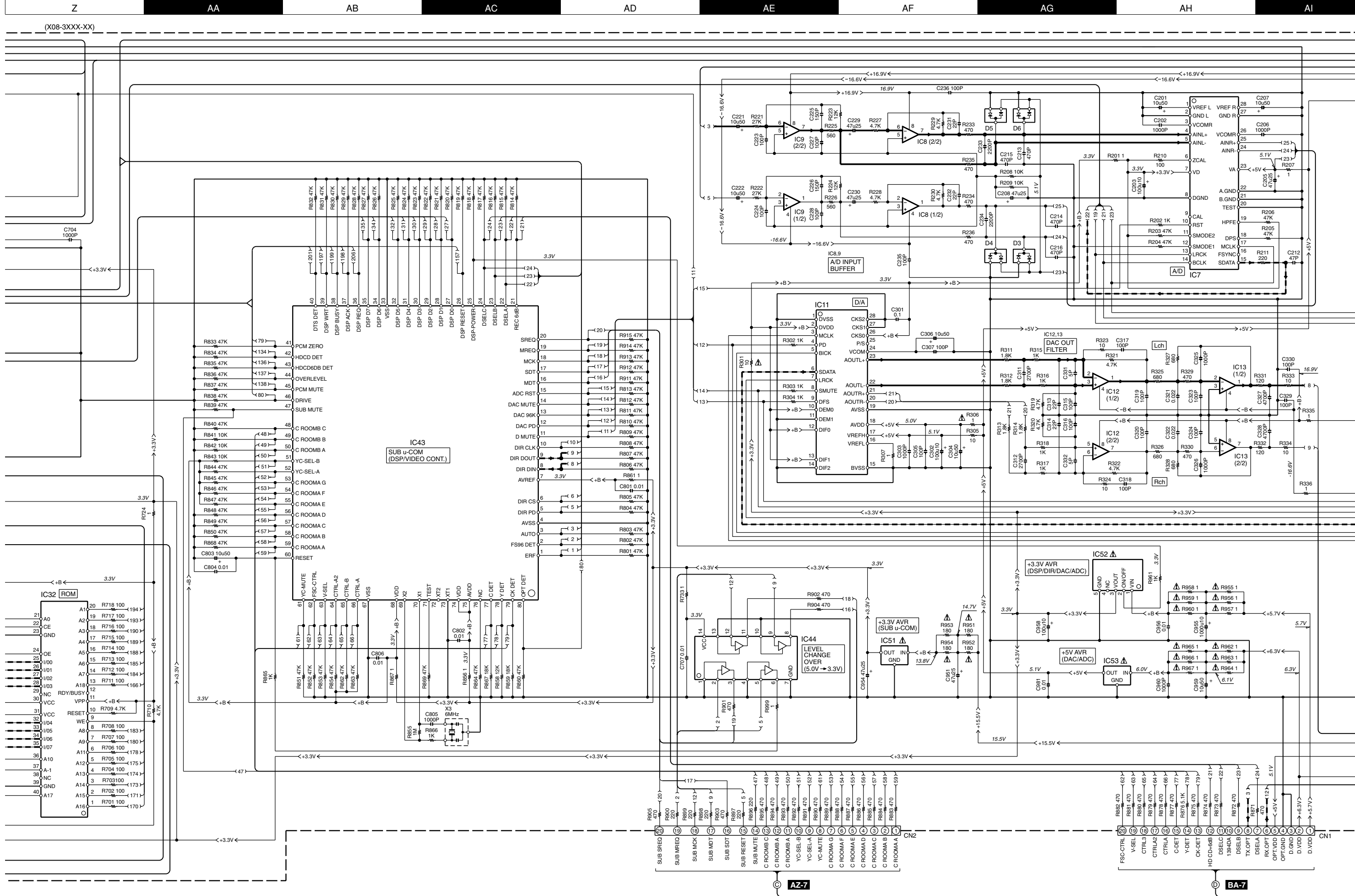
| DESTINATION | | UNIT No. | A | C | C | F | B | A1 | C25 | C30, 31 | C70, 71 | C74, 92,93 | C77 | C79, 80 | CF1,2 | E1 | J1 | L2, 6, 7 | R8 | R11 | R23 | R25 | R27, 28 | R29 | R72, 73 | S1 | W56 | W82, 83,87 |
|----------------|------|----------|-----|-----|----------|------|-------|----|-----|---------|---------|---------------|----------|---------------|----------|----|----|----------|-----|------|-----|-----|---------|-----|---------|-----|-----|------------|
| COUNTRY | ABB. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHANGHAI | V | 42-10 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL MARKET | M1 | 30-21 | NO | YES | W02-2622 | 330P | 0.022 | NO | YES | YES | 1500P | L72-0531(MA5) | F10-1108 | E70-0080 | NO | 33 | 33 | 4.7K | 18K | 6.8K | YES | 33K | YES | YES | YES | YES | YES | |
| PX | Y1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUSTRALIA | X1 | 30-71 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUROPE | E2 | 32-71 | YES | NO | W02-2584 | 180P | | | | YES | NO | NO | 1200P | L72-0536(MS3) | F10-1109 | | | YES | 10 | 22 | 15K | 27K | 4.3K | NO | 3.9K | NO | NO | NO |

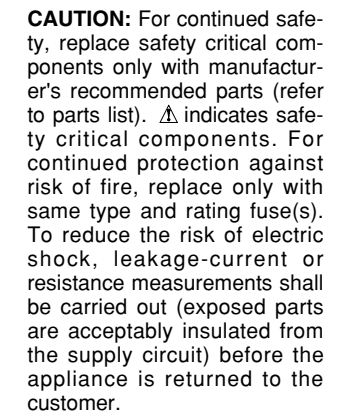
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

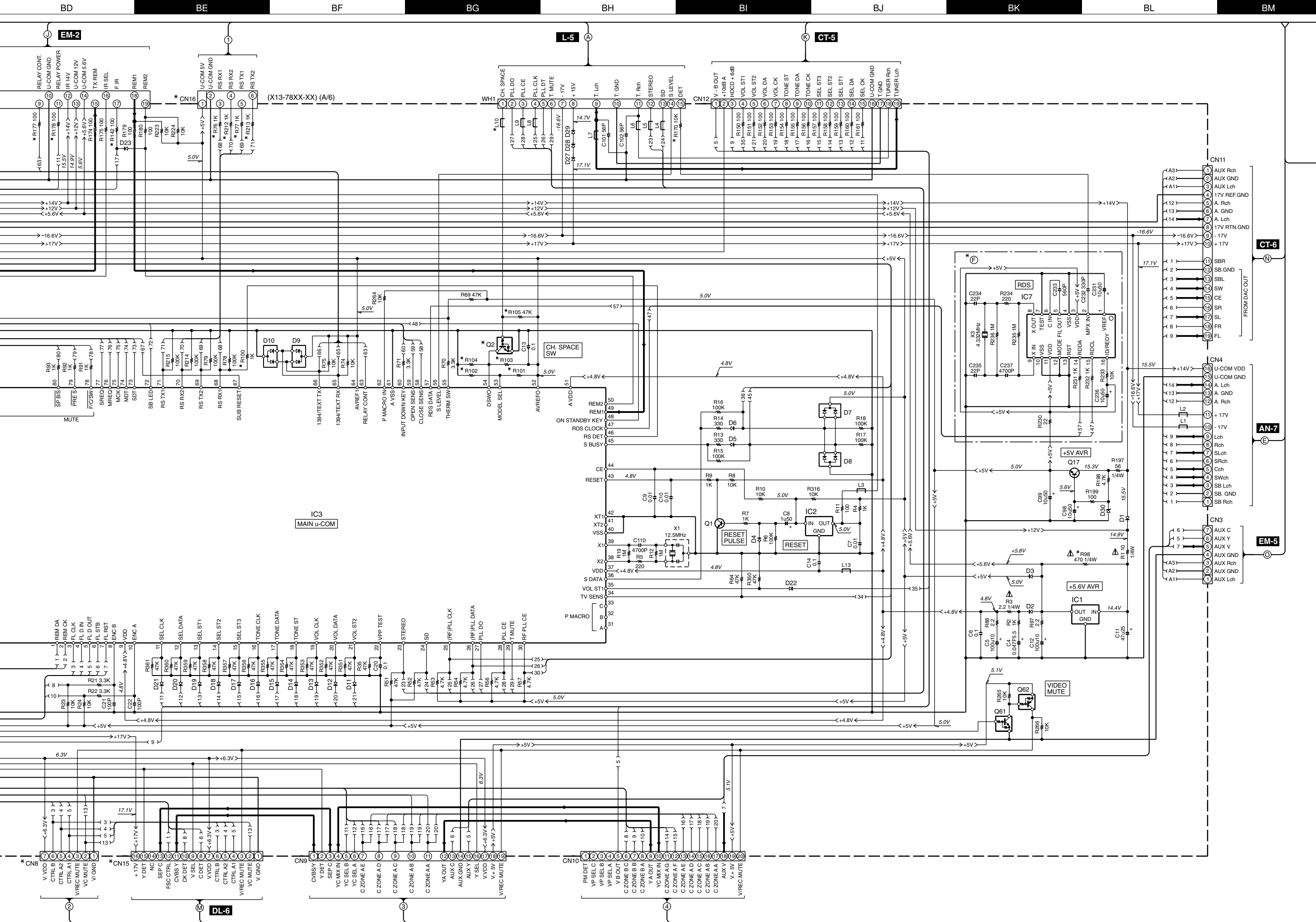


The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.







2

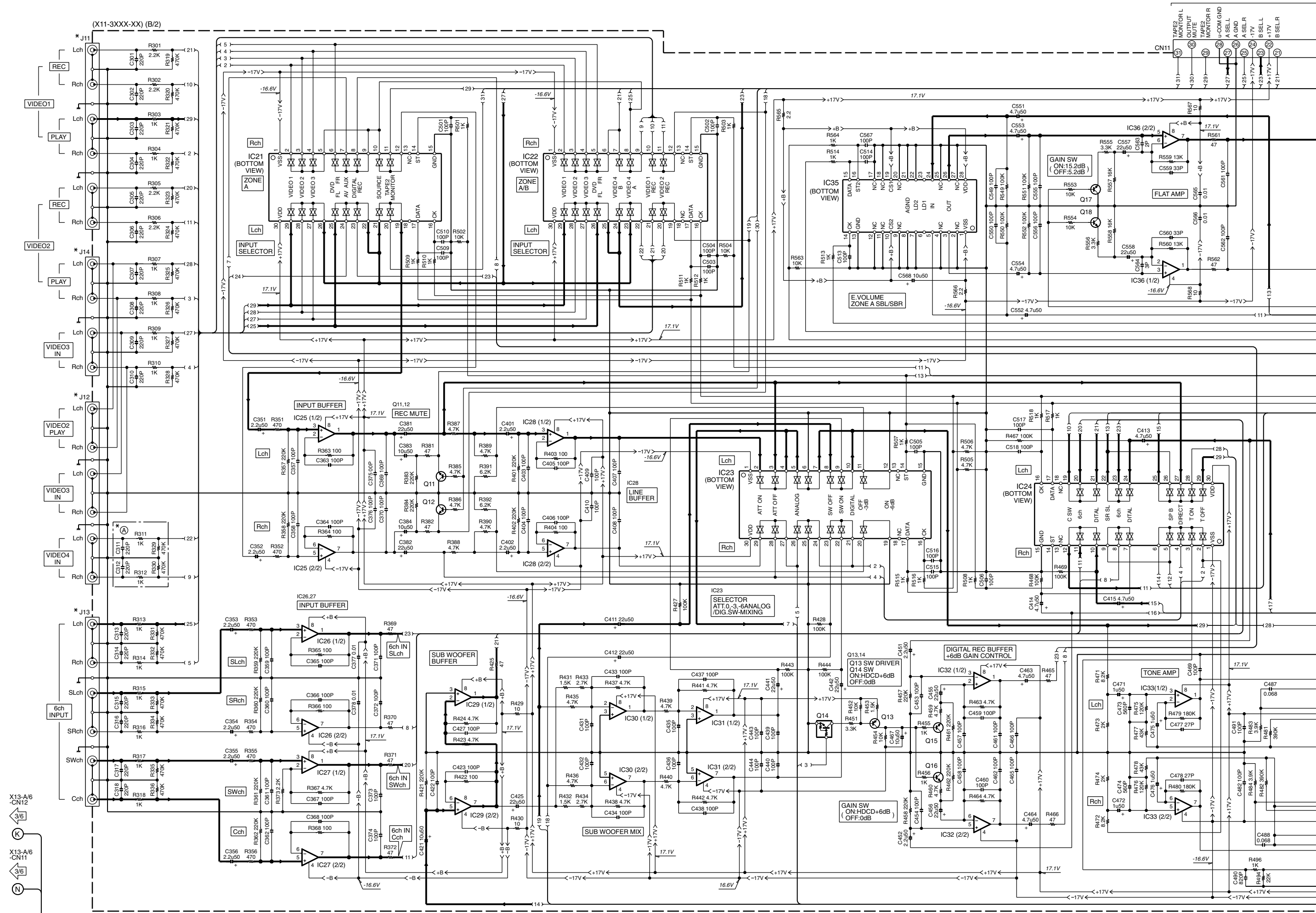
3

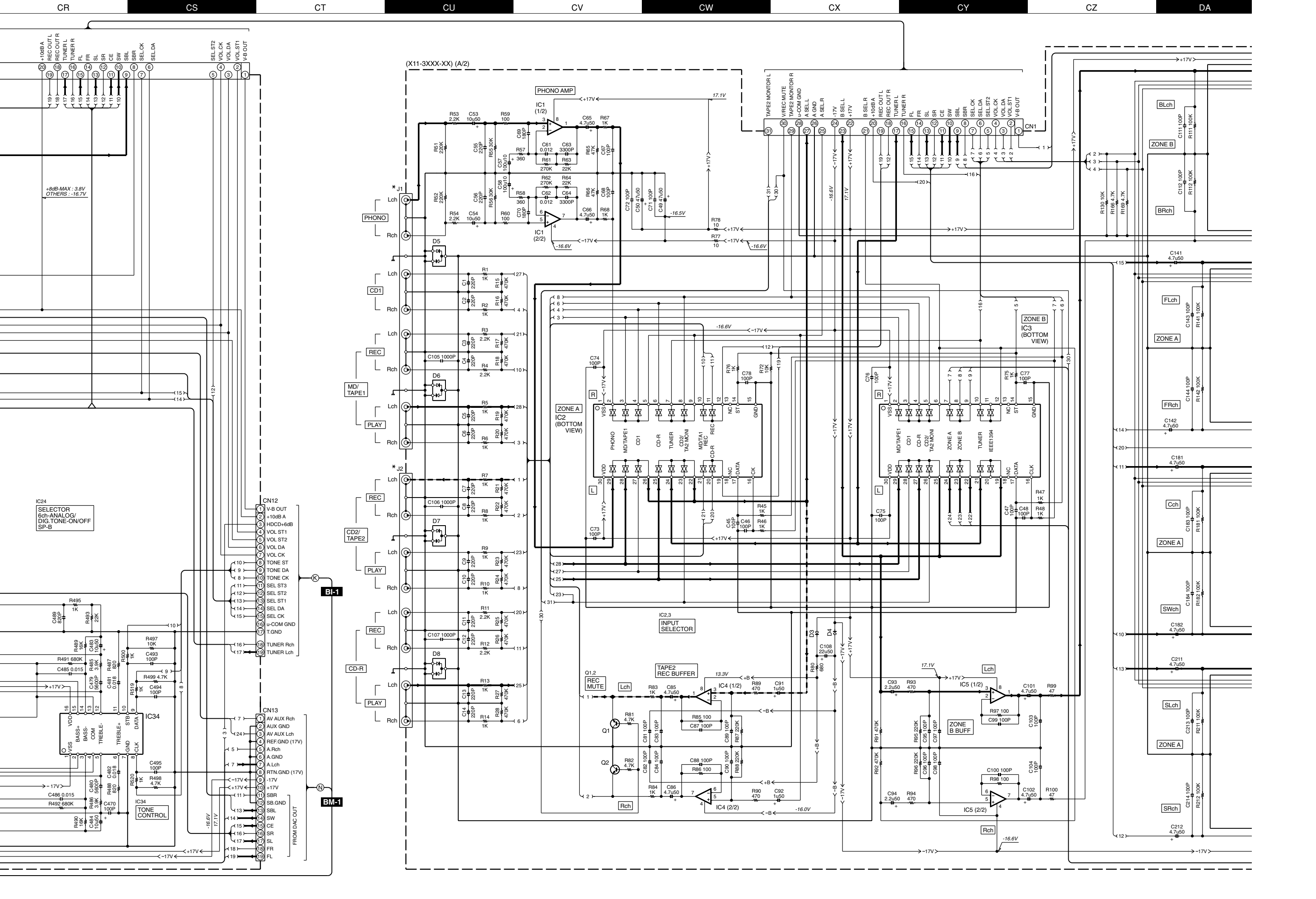
4

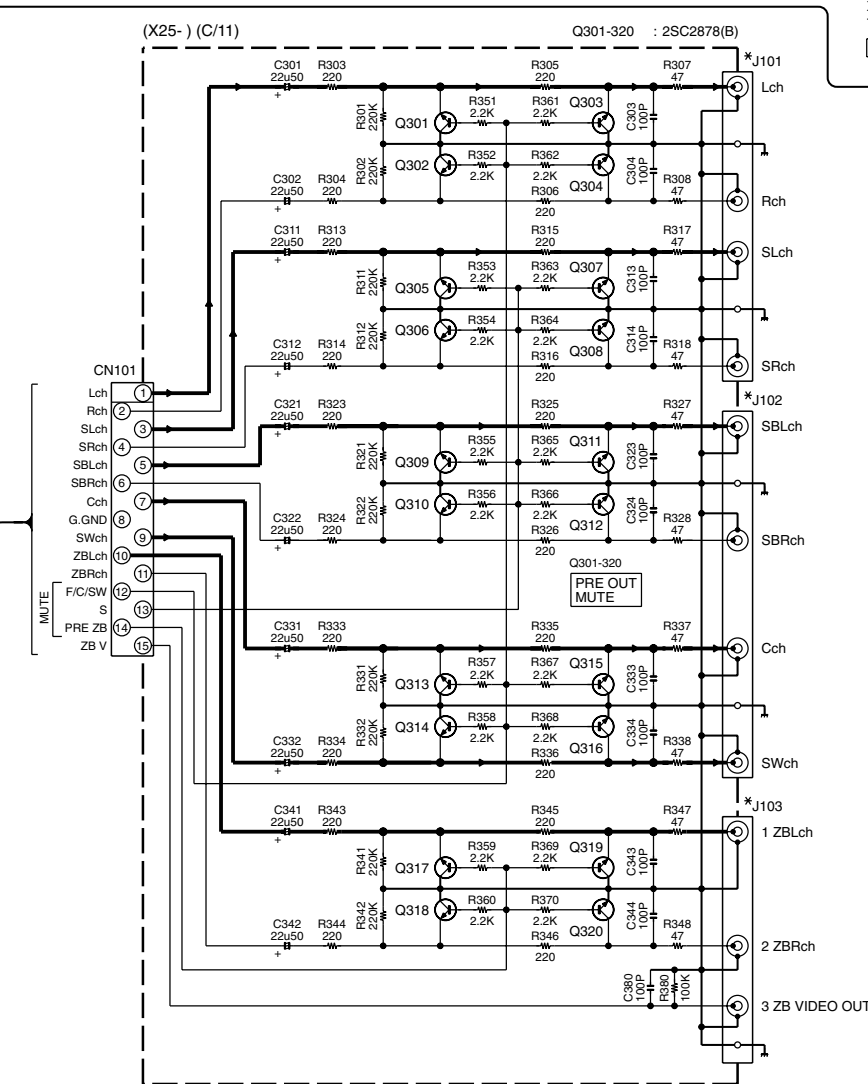
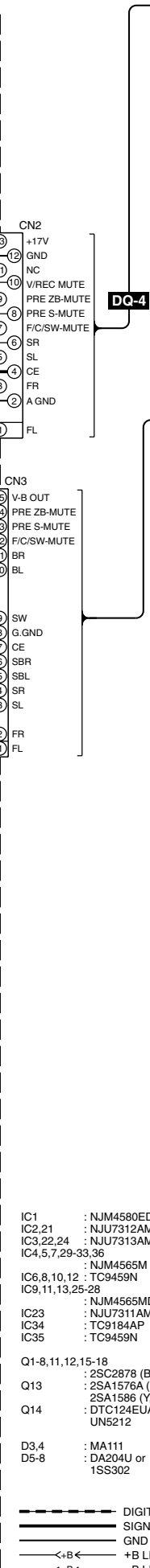
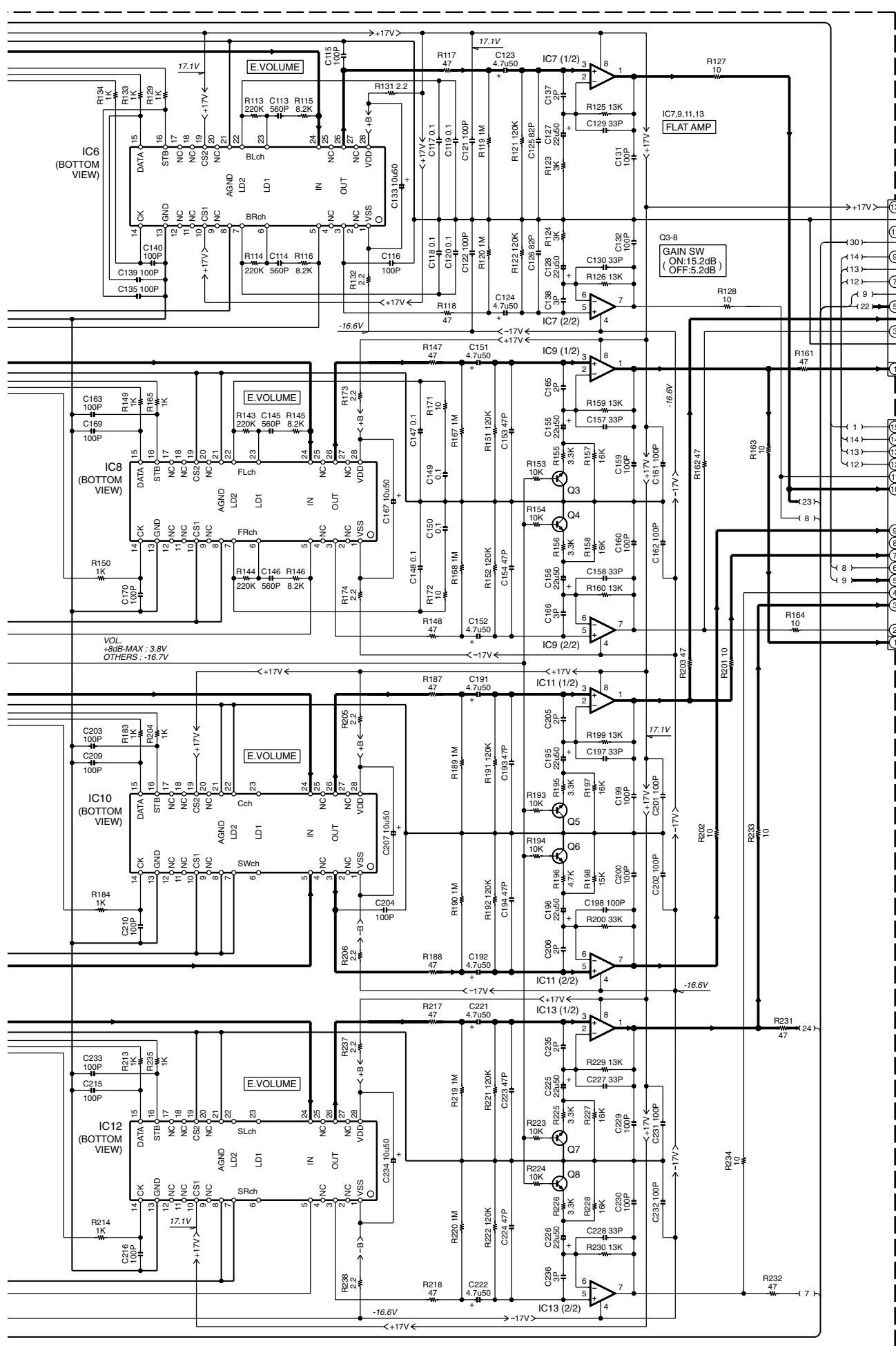
5

6

7







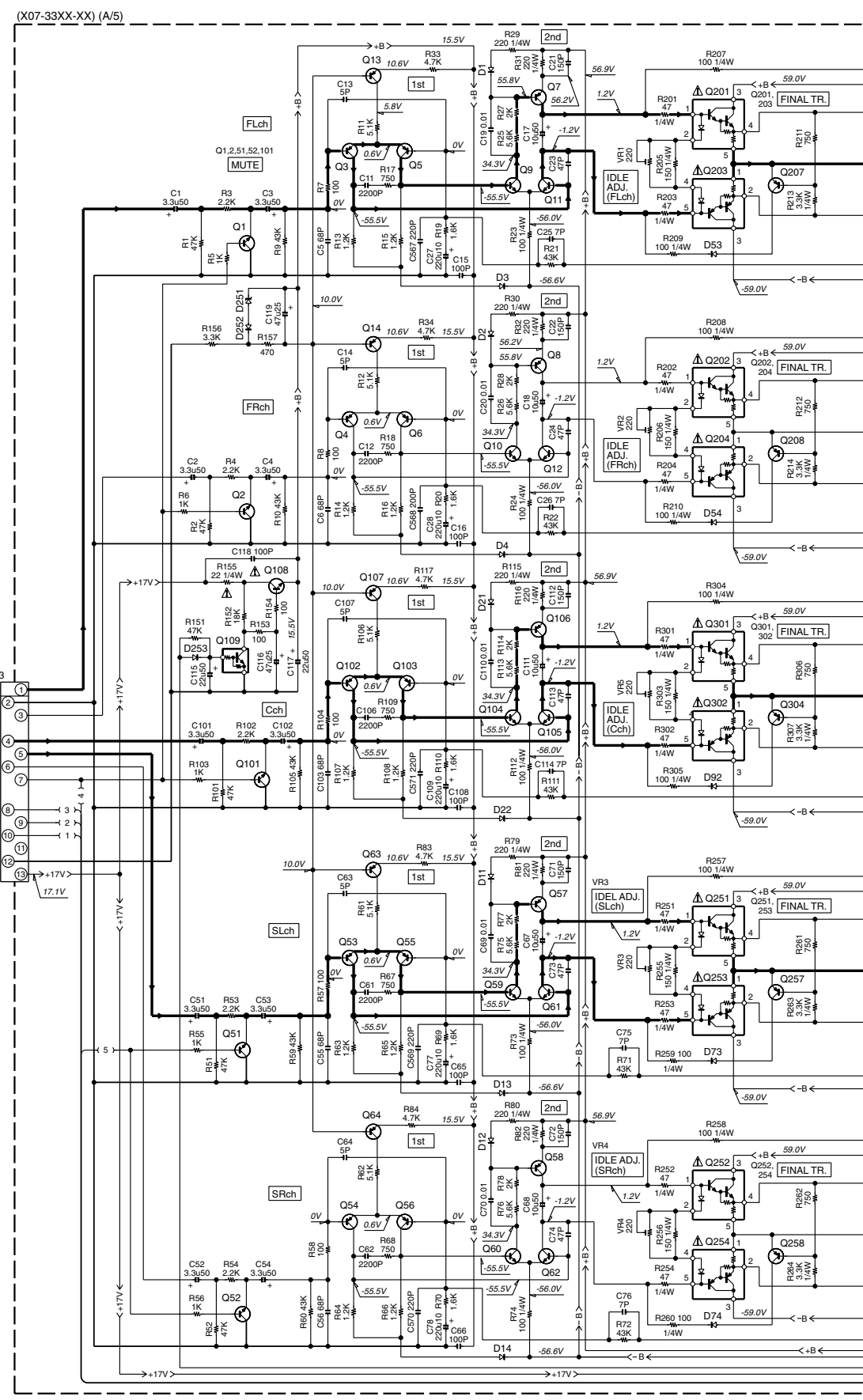
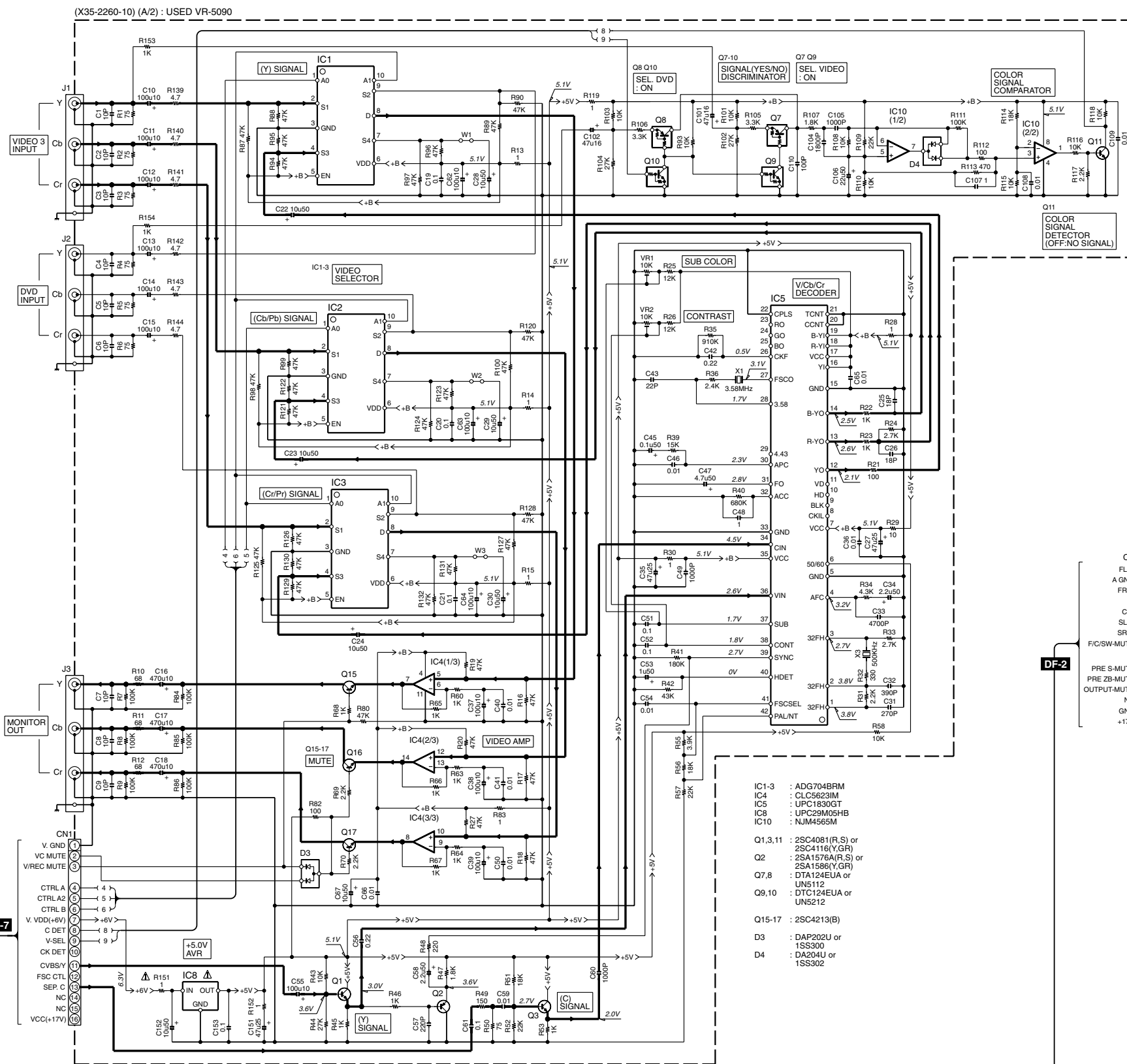
| | | | |
|----------------------------|------|-------|--------------------|
| VR-5080 (X25-6410-10) | | | |
| DESTINATION | UNIT | J101 | J102 |
| COUNTRY | ABB. | No. | J103 |
| U.S.A. | K | 0-10 | E63-1173-05 (NI) |
| CANADA | P1 | 0-10 | E63-1174-05 (NI) |
| VR-5090 (X25-6410-11) | | | |
| DESTINATION | UNIT | J101 | J102 |
| COUNTRY | ABB. | No. | J103 |
| U.S.A. | K1 | 0-11 | E63-1176-05 (GOLD) |
| CANADA | P2 | 0-11 | E63-1177-05 (GOLD) |
| KRF-X7775D (X25-641X-XX) | | | |
| DESTINATION | UNIT | J101 | J102 |
| COUNTRY | ABB. | No. | J103 |
| EUROPE | E1 | 2-71 | E63-1173-05 (NI) |
| KRF-X7775D-S (X25-64XX-XX) | | | |
| DESTINATION | UNIT | J101 | J102 |
| COUNTRY | ABB. | No. | J103 |
| PX | Y1 | 12-71 | E63-1173-05 (NI) |
| EUROPE | E2 | 10-21 | E63-1174-05 (NI) |
| GENERAL MARKET | M1 | 10-21 | E63-1178-05 (NI) |
| AUSTRALIA | X1 | 10-21 | E63-1178-05 (NI) |
| SHANGHAI | V | 22-10 | E63-1178-05 (NI) |

| | | | |
|----------------------------|------|--------|-------------|
| VR-5080 (X11-3890-10) | | | |
| DESTINATION | UNIT | J1,2 | J11 |
| COUNTRY | ABB. | No. | J12 |
| U.S.A. | K | 0-10 | E63-1112-05 |
| CANADA | P1 | 0-10 | E63-1114-05 |
| VR-5090 (X11-3890-11) | | | |
| DESTINATION | UNIT | J1,2 | J11,12 |
| COUNTRY | ABB. | No. | J13 |
| U.S.A. | K1 | 0-11 | E63-1113-05 |
| CANADA | P2 | 0-11 | E63-1115-05 |
| KRF-X7775D (X11-3890-XX) | | | |
| DESTINATION | UNIT | J1,2 | J11 |
| COUNTRY | ABB. | No. | J12 |
| EUROPE | E1 | 0-10 | E63-1112-05 |
| KRF-X7775D-S (X11-38XX-XX) | | | |
| DESTINATION | UNIT | J1,2 | J11 |
| COUNTRY | ABB. | No. | J12 |
| PX | Y1 | 12-71 | E63-1112-05 |
| GENERAL MARKET | M1 | 10-21 | E63-1114-05 |
| AUSTRALIA | X1 | 10-21 | E63-1114-05 |
| EUROPE | E2 | 10-21 | E63-1114-05 |
| SHANGHAI | V | 902-10 | E63-1163-05 |

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

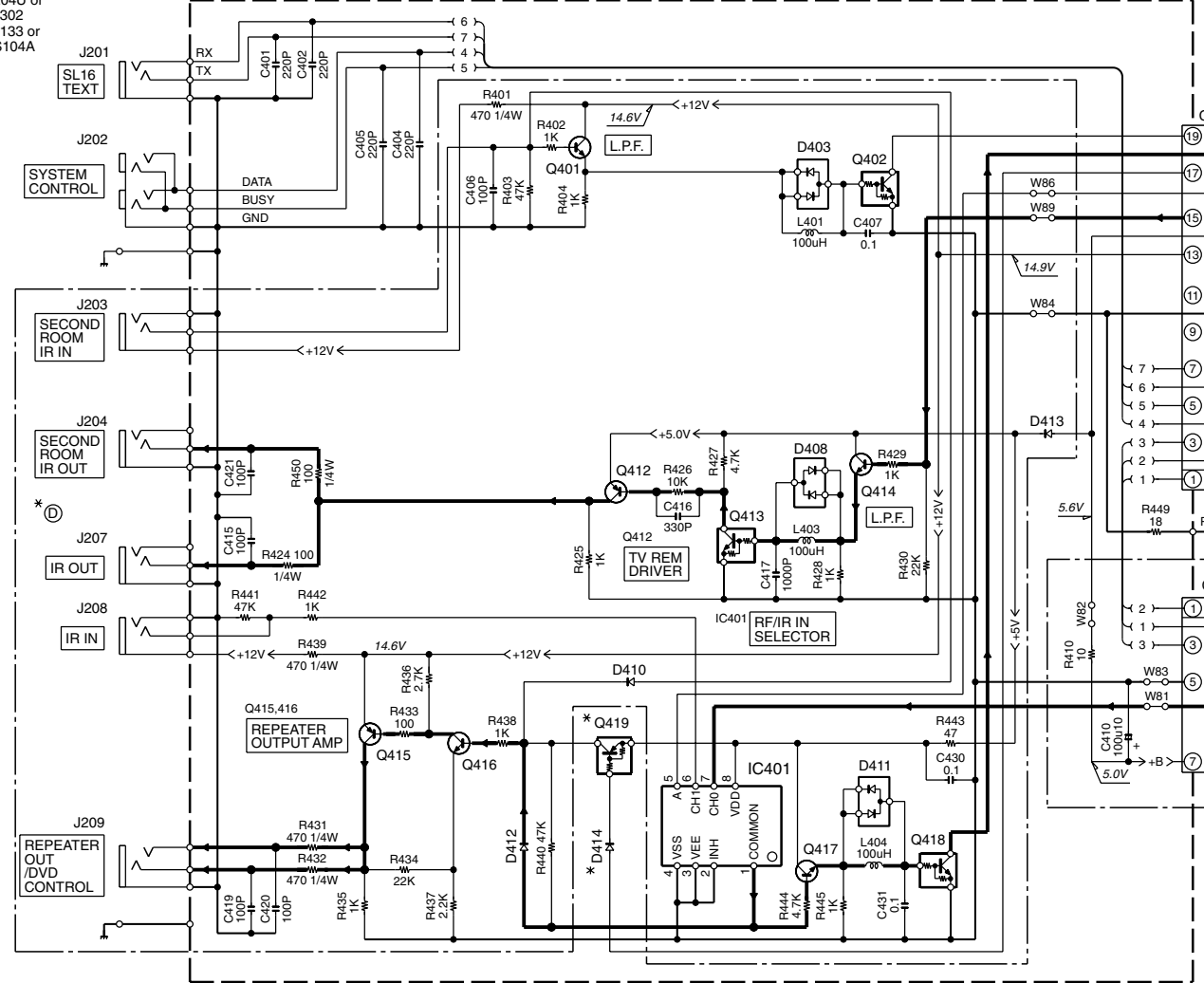




The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

IC401 : TC4W53FU
Q401,414,416,417 : 2SC4081(R,S) or 2SC4116(Y,GR)
Q402,413,418 : DTC124EUA or UN5212
Q412,415 : 2SA1576A(R,S) or 2SA1586(Y,GR)
Q419 : DTA124EUA or UN5112
D403,408,411 : DA204U or 1SS302
D410,412-414 : 1SS133 or HSS104A

(X25-) (B/11)



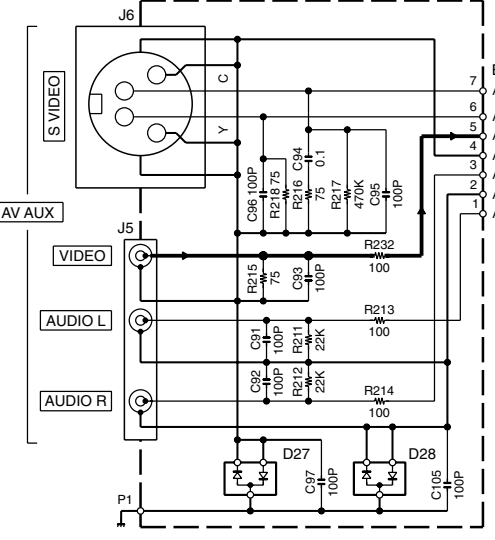
| | | | | | | | | | | | |
|-----------------------|------|------|-----|-----|-----|---------------------|-------------------|------|------|-----|-----|
| VR-5080 (X25-6410-10) | | | | | | | | | | | |
| DESTINATION | UNIT | (B) | (C) | (D) | (F) | D11 | D15-18, 24,25 | D414 | Q419 | R6 | W95 |
| COUNTRY | ABB. | No. | | | | | | | | | |
| U.S.A. | K | 0-10 | NO | YES | | B30-2548-05 (GREEN) | B30-2573-05 (RED) | NO | NO | 150 | 270 |
| CANADA | P1 | | | | | | | | | | YES |

| | | | | | | | | | | | |
|-----------------------|------|------|-----|-----|-----|---------------------|-------------------|------|------|-----|-----|
| VR-5090 (X25-6410-11) | | | | | | | | | | | |
| DESTINATION | UNIT | (B) | (C) | (D) | (F) | D11 | D15-18, 24,25 | D414 | Q419 | R6 | W95 |
| COUNTRY | ABB. | No. | | | | | | | | | |
| U.S.A. | K1 | 0-11 | YES | | | B30-2548-05 (GREEN) | B30-2573-05 (RED) | NO | NO | 150 | 270 |
| CANADA | P2 | | | | | | | | | | NO |

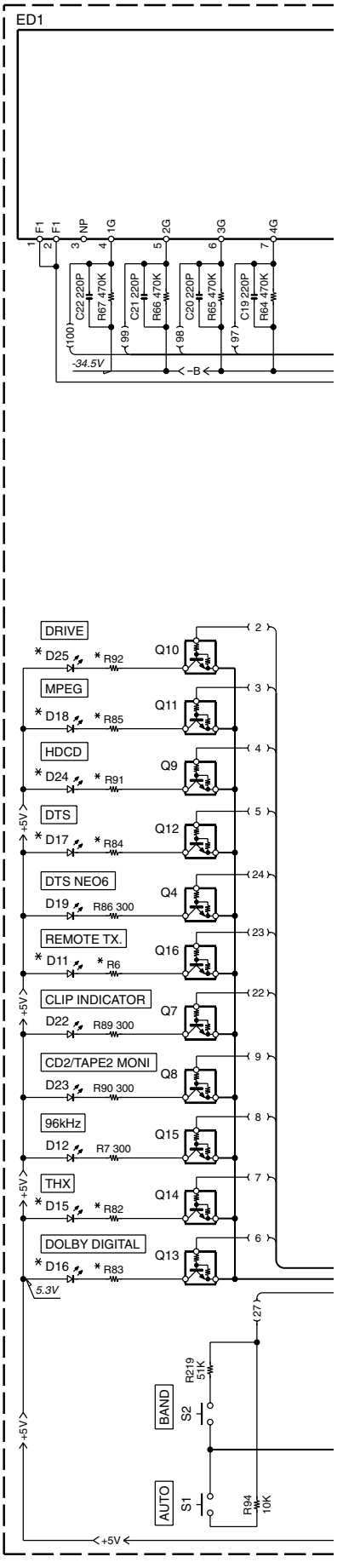
| | | | | | | | | | | | |
|--------------------------|------|-------|-----|-----|-----|---------------------|--------------------|------|------|-----|-----|
| KRF-X7775D (X25-641X-XX) | | | | | | | | | | | |
| DESTINATION | UNIT | (B) | (C) | (F) | (D) | D11 | D15-18, 24,25 | D414 | Q419 | R6 | W95 |
| COUNTRY | ABB. | No. | | | | | | | | | |
| U.S.A. | Y1 | 12-71 | NO | YES | | B30-2548-05 (GREEN) | B30-2573-05 (RED) | YES | YES | 150 | 270 |
| EUROPE | E2 | | | | | | | | | | |
| GENERAL MARKET | M1 | 10-21 | NO | | | | | | | | YES |
| AUSTRALIA | X1 | | | | | | | | | | YES |
| SHANGHAI | V1 | 22-10 | | | | B30-2571-05 (BLUE) | B30-2571-05 (BLUE) | NO | NO | 220 | 220 |

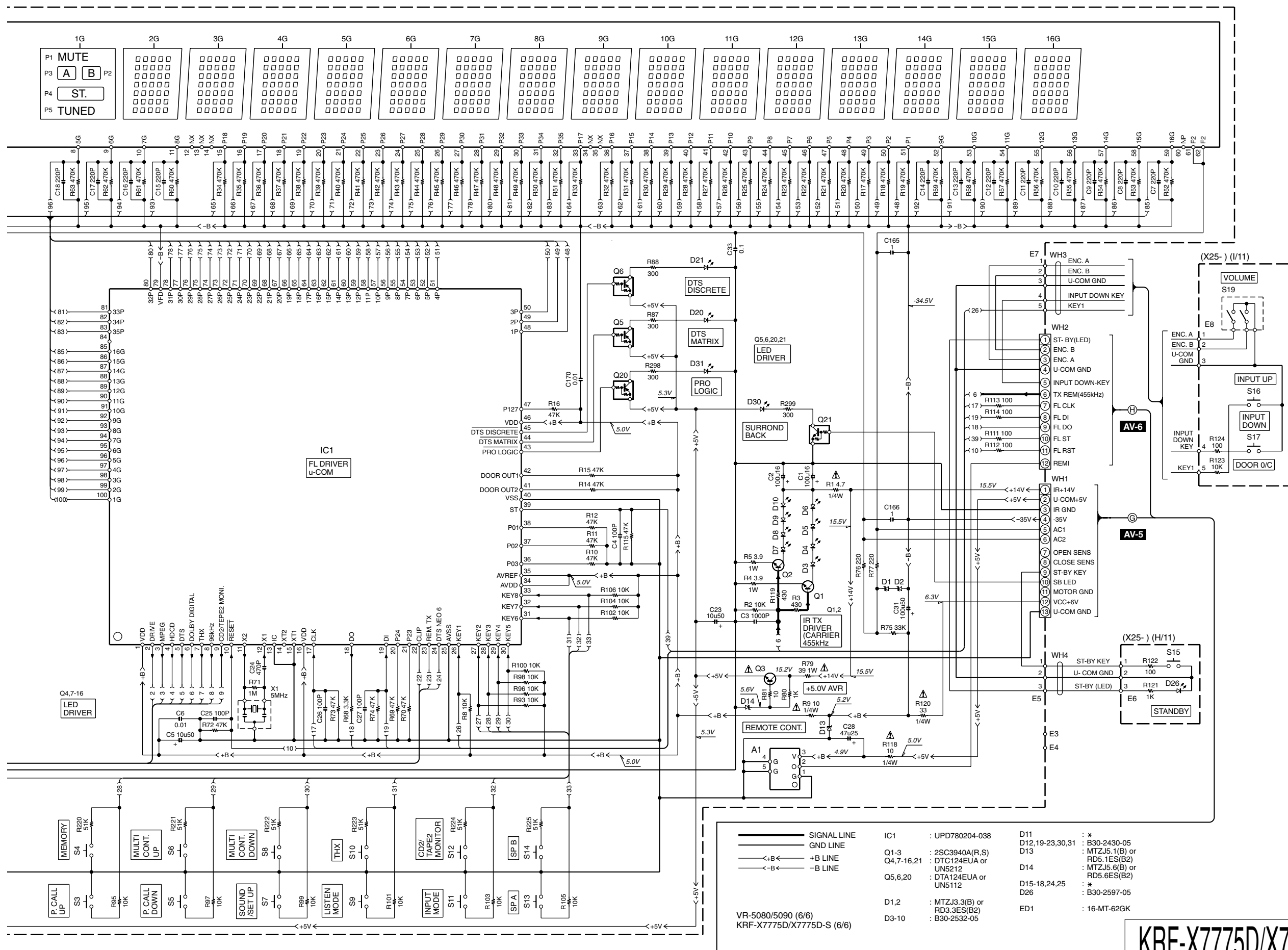
| | | | | | | | | | | | |
|----------------------------|------|-------|-----|-----|-----|---------------------|--------------------|------|------|-----|-----|
| KRF-X7775D-S (X25-64XX-XX) | | | | | | | | | | | |
| DESTINATION | UNIT | (B) | (C) | (F) | (D) | D11 | D15-18, 24,25 | D414 | Q419 | R6 | W95 |
| COUNTRY | ABB. | No. | | | | | | | | | |
| U.S.A. | Y1 | 12-71 | NO | YES | | B30-2548-05 (GREEN) | B30-2573-05 (RED) | YES | YES | 150 | 270 |
| EUROPE | E2 | | | | | | | | | | |
| GENERAL MARKET | M1 | 10-21 | NO | | | | | | | | YES |
| AUSTRALIA | X1 | | | | | | | | | | YES |
| SHANGHAI | V1 | 22-10 | | | | B30-2571-05 (BLUE) | B30-2571-05 (BLUE) | NO | NO | 220 | 220 |

(X25-) (E/11)



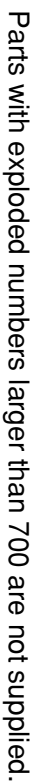
(X25-64XX-XX) (A/11)





CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.



* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

①

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|-------------|-------------------------------|--------------|----------|
| KRF-X7775D/KRF-X7775D-S/VR-5080/VR-5090 | | | | | | |
| 601 | 1A | * | A01-3802-01 | METALLIC CABINET | M1X1E2 | |
| 601 | 1A | * | A01-3803-01 | METALLIC CABINET | V | |
| 601 | 1A | * | A01-3804-01 | METALLIC CABINET | KP1K1 | |
| 601 | 1A | * | A01-3804-01 | METALLIC CABINET | P2E1Y1 | |
| 602 | 1A | * | A09-1166-08 | BATTERY COVER | | |
| 611 | 2D | * | A29-1137-03 | PANEL | M1X1 | |
| 611 | 2D | * | A29-1138-03 | PANEL | KP1K1 | |
| 611 | 2D | * | A29-1138-03 | PANEL | P2Y1 | |
| 611 | 2D | * | A29-1139-03 | PANEL | E2 | |
| 611 | 2D | * | A29-1140-03 | PANEL | E1 | |
| 612 | 1A | | A50-1344-02 | SIDE PLATE R | V | |
| 613 | 1A | | A50-1345-02 | SIDE PLATE L | V | |
| 614 | 1D | * | A60-1959-02 | PANEL | KP1 | |
| 614 | 1D | * | A60-1960-02 | PANEL | K1P2 | |
| 614 | 1D | * | A60-1961-02 | PANEL | M1X1E2 | |
| 614 | 1D | * | A60-1963-02 | PANEL | E1Y1 | |
| 614 | 1D | * | A60-2014-02 | PANEL | V | |
| 615 | 1A | * | A70-1453-05 | REMOTE CONTROL ASSY(RC-R0913) | KP1K1 | |
| 615 | 1A | * | A70-1453-05 | REMOTE CONTROL ASSY(RC-R0913) | P2 | |
| 615 | 1A | * | A70-1454-05 | REMOTE CONTROL ASSY(RC-R0914) | V | |
| 615 | 1A | * | A70-1454-05 | REMOTE CONTROL ASSY(RC-R0914) | Y1M1X1 | |
| 615 | 1A | * | A70-1455-05 | REMOTE CONTROL ASSY(RC-R0915) | E1E2 | |
| 620 | 1D | * | B01-0543-11 | PANEL ESCUTCHEON | KP1K1 | |
| 620 | 1D | * | B01-0543-11 | PANEL ESCUTCHEON | P2E1Y1 | |
| 620 | 1D | * | B01-0544-11 | PANEL ESCUTCHEON | M1X1E2 | |
| 620 | 1D | * | B01-0544-11 | PANEL ESCUTCHEON | V | |
| 621 | 2D | * | B03-3874-03 | DRESSING PLATE | KP1K1 | |
| 621 | 2D | * | B03-3874-03 | DRESSING PLATE | P2 | |
| 621 | 2D | * | B03-3875-03 | DRESSING PLATE | M1X1E2 | |
| 621 | 2D | * | B03-3875-03 | DRESSING PLATE | V | |
| 621 | 2D | * | B03-3877-03 | DRESSING PLATE | E1Y1 | |
| 622 | 2D | * | B07-2495-04 | ESCUTCHEON | M1X1E2 | |
| 622 | 2D | * | B07-2495-04 | ESCUTCHEON | V | |
| 622 | 2D | * | B07-2496-04 | ESCUTCHEON | KP1K1 | |
| 622 | 2D | * | B07-2496-04 | ESCUTCHEON | P2E1Y1 | |
| 623 | 1D | * | B10-3570-03 | FRONT GLASS | | |
| 624 | 2D | * | B10-3639-02 | FRONT GLASS | | |
| 625 | 1D | * | B11-1528-03 | COLOR FILTER | | |
| 626 | 1D | * | B12-0390-04 | INDICATOR | | |
| 627 | 2D | * | B12-0391-14 | INDICATOR | | |
| 628 | 1D | * | B12-0392-14 | INDICATOR | | |
| 629 | 2D | * | B43-0322-04 | KENWOOD BADGE | KP1K1 | |
| 629 | 2D | * | B43-0322-04 | KENWOOD BADGE | P2 | |
| - | | | B46-0096-53 | WARRANTY CARD | X1 | |
| - | | | B46-0310-03 | WARRANTY CARD | E1E2 | |
| - | | | B46-0330-03 | WARRANTY CARD | Y1 | |
| - | | * | B46-0331-03 | WARRANTY CARD | KK1 | |
| - | | | B46-0344-03 | WARRANTY CARD | V | |
| - | | * | B46-0358-00 | QUESTIONNAIRE CARD | KK1 | |
| - | | * | B46-0359-03 | WARRANTY CARD | P1P2 | |
| - | | | B58-0513-04 | CAUTION CARD (PRESET220-240) | Y1 | |
| - | | | B58-0964-13 | CAUTION CARD (UL) | KK1Y1 | |

L : Scandinavia

K : USA

P : Canada

R : Mexico

C : China

I : Malaysia

Y : PX(Far East,Hawaii)

T : England

E : Europe

G : Germany

V : China(Shanghai)

Y : AAFES(Europe)

X : Australia

Q : Russia

H : Korea

M : Other Areas

△ indicates safety critical components.

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

②

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---------|----------|-----------|-------------|--------------------------|--------------|----------|
| - | | | B58-0965-13 | CAUTION CARD (T.XtypePL) | X1 | |
| - | | | B58-0966-13 | CAUTION CARD (ELMtypePL) | E1M1E2 | |
| - | | | B58-0967-03 | CAUTION CARD (PtypePL) | P1P2 | |
| - | | | B58-1546-03 | CAUTION CARD | V | |
| - | | | B59-1104-00 | SERVICE DIRECTORY | Y1 | |
| - | | * | B60-4861-00 | INSTRUCTION MANUAL (EN1) | KP1K1 | |
| - | | * | B60-4861-00 | INSTRUCTION MANUAL (EN1) | P2 | |
| - | | * | B60-4862-00 | INSTRUCTION MANUAL (FR1) | P1P2 | |
| - | | * | B60-4863-00 | INSTRUCTION MANUAL (EN1) | Y1M1X1 | |
| - | | * | B60-4864-00 | INSTRUCTION MANUAL (FR1) | E2 | |
| - | | * | B60-4865-00 | INSTRUCTION MANUAL (GE1) | E1E2 | |
| - | | * | B60-4866-00 | INSTRUCTION MANUAL (NE1) | E1E2 | |
| - | | * | B60-4867-00 | INSTRUCTION MANUAL (IT1) | E2 | |
| - | | * | B60-4868-00 | INSTRUCTION MANUAL (ES1) | E2 | |
| - | | * | B60-4869-00 | INSTRUCTION MANUAL (TC1) | M1 | |
| - | | * | B60-4870-00 | INSTRUCTION MANUAL (AR1) | M1 | |
| - | | * | B60-4872-00 | INSTRUCTION MANUAL (EN2) | KP1K1 | |
| - | | * | B60-4872-00 | INSTRUCTION MANUAL (EN2) | P2 | |
| - | | * | B60-4873-00 | INSTRUCTION MANUAL (FR2) | P1P2 | |
| - | | * | B60-4874-00 | INSTRUCTION MANUAL (EN2) | Y1M1X1 | |
| - | | * | B60-4875-00 | INSTRUCTION MANUAL (FR2) | E2 | |
| - | | * | B60-4876-00 | INSTRUCTION MANUAL (GE2) | E1E2 | |
| - | | * | B60-4877-00 | INSTRUCTION MANUAL (NE2) | E1E2 | |
| - | | * | B60-4878-00 | INSTRUCTION MANUAL (IT2) | E2 | |
| - | | * | B60-4879-00 | INSTRUCTION MANUAL (ES2) | E2 | |
| - | | * | B60-4880-00 | INSTRUCTION MANUAL (TC2) | M1 | |
| - | | * | B60-4881-00 | INSTRUCTION MANUAL (AR2) | M1 | |
| - | | * | B60-5035-00 | INSTRUCTION MANUAL (SC1) | V | |
| - | | * | B60-5036-00 | INSTRUCTION MANUAL (SC2) | V | |
| 630 | 1E | | D39-0347-05 | DAMPER | | |
| △ 632 | 1A | * | E03-0382-05 | AC PLUG ADAPTER (WA-6) | M1 | |
| △ 633 | 1A | * | E03-0383-05 | AC PLUG ADAPTER (WA-9C) | M1 | |
| △ 634 | 1C | | E30-2789-05 | AC POWER CORD | Y1 | |
| △ 634 | 1C | | E30-2790-05 | AC POWER CORD | X1 | |
| △ 634 | 1C | | E30-2824-15 | AC POWER CORD | V | |
| △ 634 | 1C | | E30-2943-05 | AC POWER CORD | E1E2 | |
| △ 634 | 1C | | E30-2944-05 | AC POWER CORD | KP1K1 | |
| △ 634 | 1C | | E30-2944-05 | AC POWER CORD | P2 | |
| △ 634 | 1C | * | E30-7225-05 | AC POWER CORD | M1 | |
| 635 | 2B,1C | * | E35-2757-05 | FLAT CABLE (31P) | | |
| 636 | 2B,2C | * | E35-2758-05 | FLAT CABLE (25P) | | |
| 637 | 1C,2C | * | E35-2759-05 | FLAT CABLE (19P) | | |
| 638 | 1C,2C | * | E35-2760-05 | FLAT CABLE (15P) | | |
| 639 | 2B | * | E35-2761-05 | FLAT CABLE (13P) | | |
| 640 | 1C | * | E35-2762-05 | FLAT CABLE (7P) | KP1K1 | |
| 640 | 1C | * | E35-2762-05 | FLAT CABLE (7P) | P2 | |
| 647 | 1E | | G02-1701-04 | FLAT SPRING | | |
| 648 | 1B,1E | | G10-0541-04 | NON-WOVEN FABRIC | | |
| 650 | 1D,2E | | G11-2719-04 | CUSHION | | |
| 651 | 1D | | G11-2730-04 | SOFT TAPE | | |
| 652 | 1D | | G11-2731-04 | SOFT TAPE | | |
| 653 | 2A | | G11-2743-14 | CUSHION | | |
| 655 | 2D | | G11-2762-04 | CUSHION | V | |

L : Scandinavia

K : USA

P : Canada

R : Mexico

C : China

I : Malaysia

Y : PX(Far East,Hawaii)

T : England

E : Europe

G : Germany

V : China(Shanghai)

Y : AAFES(Europe)

X : Australia

Q : Russia

H : Korea

M : Other Areas

△ indicates safety critical components.

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

③

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---------|----------|-----------|-------------|-------------------------------|--------------|----------|
| - | | | H10-7636-12 | POLYSTYRENE FOAMED FIXTURE,L | KP1K1 | |
| - | | | H10-7636-12 | POLYSTYRENE FOAMED FIXTURE,L | P2E1 | |
| - | | | H10-7636-12 | POLYSTYRENE FOAMED FIXTURE,L | X1Y1 | |
| - | | * | H10-7637-22 | POLYSTYRENE FOAMED FIXTURE,R | KP1K1 | |
| - | | * | H10-7637-22 | POLYSTYRENE FOAMED FIXTURE,R | P2E1 | |
| - | | * | H10-7637-22 | POLYSTYRENE FOAMED FIXTURE,R | X1Y1 | |
| - | | | H10-7638-22 | POLYSTYRENE FOAMED FIXTURE,L | V | |
| - | | | H10-7639-32 | POLYSTYRENE FOAMED FIXTURE,R | V | |
| - | | * | H10-7755-12 | POLYSTYRENE FOAMED FIXTURE,L | M1E2 | |
| - | | * | H10-7756-22 | POLYSTYRENE FOAMED FIXTURE,R | M1E2 | |
| - | | * | H12-3527-04 | PACKING FIXTURE | M1E2 | |
| - | | * | H13-0050-04 | CARTON BOARD | M1E2 | |
| - | | | H13-0330-14 | CARTON BOARD | | |
| - | | * | H13-0341-04 | CARTON BOARD | KP1K1 | |
| - | | * | H13-0341-04 | CARTON BOARD | P2 | |
| - | | * | H21-0388-04 | PROTECTION SHEET | V | |
| - | | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | KP1K1 | |
| - | | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | P2E1Y1 | |
| - | | | H25-0232-04 | PROTECTION BAG (235X350X0.03) | X1V | |
| - | | | H25-0632-24 | PROTECTION BAG (250X400) | M1E2 | |
| - | | | H25-0692-04 | PROTECTION BAG | E1E2 | |
| - | | | H25-0692-04 | PROTECTION BAG | M1X1Y1 | |
| - | | | H25-1671-04 | PROTECTION BAG | V | |
| - | | * | H25-1710-04 | PROTECTION BAG (500X950) | KP1K1 | |
| - | | * | H25-1710-04 | PROTECTION BAG (500X950) | P2 | |
| - | | * | H50-3941-04 | ITEM CARTON CASE | KP1 | |
| - | | * | H50-3942-04 | ITEM CARTON CASE | K1P2 | |
| - | | * | H50-3943-04 | ITEM CARTON CASE | E1 | |
| - | | * | H50-4074-04 | ITEM CARTON CASE | V | |
| - | | * | H50-4150-04 | ITEM CARTON CASE | Y1 | |
| - | | * | H50-4151-04 | ITEM CARTON CASE | X1 | |
| - | | * | H50-4219-04 | ITEM CARTON CASE | M1 | |
| - | | * | H50-4220-04 | ITEM CARTON CASE | E2 | |
| 660 | 2B,2C | | J02-1467-03 | FOOT (D=60,H=21.5) | | |
| 661 | 2B | | J19-5910-05 | UNIT HOLDER | | |
| 662 | 2B | | J19-5911-05 | UNIT HOLDER | | |
| 663 | 2A,1B | | J19-0306-05 | LEAD HOLDER | | |
| 664 | 2B | | J19-5919-05 | UNIT HOLDER | | |
| 665 | 2B | | J19-6002-04 | UNIT HOLDER | | |
| 666 | 2E | | J19-6053-12 | HOLDER | M1X1E2 | |
| 666 | 2E | | J19-6068-12 | HOLDER | KP1K1 | |
| 666 | 2E | | J19-6068-12 | HOLDER | P2E1Y1 | |
| 668 | 2B,2C | * | J19-6163-05 | HOLDER | | |
| 669 | 2B | * | J19-6203-04 | UNIT HOLDER | | |
| 670 | 2B | * | J19-6080-05 | UNIT HOLDER | | |
| 672 | 1C | | J42-0083-05 | POWER CORD BUSHING | Y1X1 | |
| 672 | 1C | | J42-0157-05 | POWER CORD BUSHING | E2 | |
| 672 | 1C | | J42-0157-05 | POWER CORD BUSHING | KP1K1 | |
| 672 | 1C | | J42-0157-05 | POWER CORD BUSHING | P2E1M1 | |
| - | | | J61-0307-05 | WIRE BAND | | |
| 675 | 2D | | K27-2388-04 | KNOB (BUTTON) | M1X1E2 | |
| 675 | 2D | | K27-2388-04 | KNOB (BUTTON) | V | |
| 675 | 2D | | K27-2398-04 | KNOB (BUTTON) | E1Y1 | |
| 676 | 1D | | K29-7727-04 | KNOB | M1X1E2 | |

L : Scandinavia

K : USA

P : Canada

R : Mexico

C : China

I : Malaysia

Y : PX(Far East,Hawaii)

T : England

E : Europe

G : Germany

V : China(Shanghai)

Y : AAFES(Europe)

X : Australia

Q : Russia

H : Korea

M : Other Areas

Δ indicates safety critical components.

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

④

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---|----------|-----------|---------------|-------------------|--------------|----------|
| 676 | 1D | | K29-7727-04 | KNOB | V | |
| 676 | 1D | | K29-7729-04 | KNOB | KP1K1 | |
| 676 | 1D | | K29-7729-04 | KNOB | P2E1Y1 | |
| 677 | 2E | | K29-7739-13 | KNOB | M1X1E2 | |
| 677 | 2E | | K29-7739-13 | KNOB | V | |
| 677 | 2E | | K29-7740-13 | KNOB | KP1K1 | |
| 677 | 2E | | K29-7740-13 | KNOB | P2E1Y1 | |
| 678 | 2D | | K29-7742-04 | KNOB | M1X1E2 | |
| 678 | 2D | | K29-7742-04 | KNOB | V | |
| 678 | 2D | | K29-7743-04 | KNOB | KP1K1 | |
| 678 | 2D | | K29-7743-04 | KNOB | P2E1Y1 | |
| Δ 680 | 1A | * | L07-2941-05 | POWER TRANSFORMER | KP1K1 | |
| Δ 680 | 1A | * | L07-2941-05 | POWER TRANSFORMER | P2 | |
| Δ 680 | 1A | * | L07-2942-05 | POWER TRANSFORMER | E1E2 | |
| Δ 680 | 1A | * | L07-2943-05 | POWER TRANSFORMER | Y1M1 | |
| Δ 680 | 1A | * | L07-2944-05 | POWER TRANSFORMER | X1 | |
| Δ 680 | 1A | * | L07-2950-05 | POWER TRANSFORMER | V | |
| 681 | 1C | * | L92-0533-05 | FERRITE CORE | | |
| 682 | 2C | * | L92-0531-05 | FERRITE CORE | | |
| 685 | 1A | * | T90-0850-15 | ANTENNA ASSY | KP1K1 | |
| 685 | 1A | * | T90-0850-15 | ANTENNA ASSY | P2 | |
| 686 | 1A | | T90-0852-05 | LOOP ANTENNA | | |
| 687 | 1A | | T90-0855-05 | LEAD WIRE ANTENNA | | |
| 688 | 1B | * | DP40203SG270 | THERMISTOR | | |
| RF-RC DEMODULATOR UNIT (X05-5100-11) K,P type only | | | | | | |
| C1 ,2 | | | CC73GCH1H100D | CHIP C | 10PF | D |
| C5 | | | CK73GB1E223K | CHIP C | 0.022UF | K |
| C6 | | | CC73GCH1H221J | CHIP C | 220PF | J |
| C7 | | | CC73GCH1H100D | CHIP C | 10PF | D |
| C8 | | | CK73GB1H102K | CHIP C | 1000PF | K |
| C9 | | | C93-0037-05 | CERAMIC | 10UF | 10WV |
| C10 | | | CK73GB1H102K | CHIP C | 1000PF | K |
| C11 | | | CC73GCH1H040C | CHIP C | 4.0PF | C |
| C12 | | | CC73GCH1H100D | CHIP C | 10PF | D |
| C13 | | | CC73GCH1H040C | CHIP C | 4.0PF | C |
| C14 | | | CC73GCH1H010C | CHIP C | 1.0PF | C |
| C15 | | | CC73GCH1H050C | CHIP C | 5.0PF | C |
| C16 | | | CK73GB1E223K | CHIP C | 0.022UF | K |
| C17 | | | CC73GCH1H221J | CHIP C | 220PF | J |
| C18 | | | CC73GCH1H100D | CHIP C | 10PF | D |
| C19 | | | CC73GCH1H471J | CHIP C | 470PF | J |
| C20 | | | C93-0037-05 | CERAMIC | 10UF | 10WV |
| C21 | | | CK73GB1H102K | CHIP C | 1000PF | K |
| C22 ,23 | | | CC73GCH1H150J | CHIP C | 15PF | J |
| C24 | | | CK73GB1H102K | CHIP C | 1000PF | K |
| C25 | | | CK73GB1E103K | CHIP C | 0.010UF | K |
| C26 | | | CK73GF1A474Z | CHIP C | 0.47UF | Z |
| C27 | | | C93-0036-05 | CHIP-C | 4.7UF | Z |
| C28 | | | CK73GB1E103K | CHIP C | 0.010UF | K |
| C29 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C30 | | | CK73GB1E103K | CHIP C | 0.010UF | K |
| C31 | | | C93-0037-05 | CERAMIC | 10UF | 10WV |
| C32 | | | CK73GB1C473K | CHIP C | 0.047UF | K |

L : Scandinavia

K : USA

P : Canada

R : Mexico

C : China

I : Malaysia

Y : PX(Far East,Hawaii)

T : England

E : Europe

G : Germany

V : China(Shanghai)

Y : AAFES(Europe)

X : Australia

Q : Russia

H : Korea

M : Other Areas

Δ indicates safety critical components.

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

5

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---------|----------|-----------|---------------|---------------------------------|--------------|----------|
| C33 | | | C93-0036-05 | CHIP-C 4.7UF Z | | |
| C34 | | | CC73GCH1H471J | CHIP C 470PF J | | |
| C35 | | | CK73GB1E103K | CHIP C 0.010UF K | | |
| C36 | | | CK73GF1C224Z | CHIP C 0.22UF Z | | |
| C37 | | | CC73GCH1H100D | CHIP C 10PF D | | |
| C38 | | | CK73GB1H472K | CHIP C 4700PF K | | |
| C39 | | | CC73GCH1H331J | CHIP C 330PF J | | |
| C40 | | | CK73GB1E103K | CHIP C 0.010UF K | | |
| C41 | | | C93-0036-05 | CHIP-C 4.7UF Z | | |
| C42 | | | C93-0037-05 | CERAMIC 10UF 10WV | | |
| C43 | | | C93-0039-05 | CERAMIC 22UF 10WV | | |
| CN1 | | | E40-8530-05 | FLAT CABLE CONNECTOR | | |
| J1 | | | E11-0904-05 | MINIATURE PHONE JACK(STEREO MI) | | |
| CF1 | | | L72-0626-05 | CERAMIC FILTER | | |
| L1 | | | L79-1269-05 | LC FILTER | | |
| L2 | | | L40-1585-67 | SMALL FIXED INDUCTOR(150N,J,20) | | |
| L3 | | | L32-1021-05 | FM OSCILLATING COIL | | |
| L4 | | | L40-1085-67 | SMALL FIXED INDUCTOR(100N,J,20) | | |
| X1 | | | L77-2274-05 | CRYSTAL RESONATOR | | |
| R1 | | | RK73GB1J431J | CHIP R 430 J 1/16W | | |
| R2 | | | RK73GB1J120J | CHIP R 12 J 1/16W | | |
| R3 | | | RK73GB1J431J | CHIP R 430 J 1/16W | | |
| R10 | | | RK73GB1J331J | CHIP R 330 J 1/16W | | |
| R11 | | | RK73GB1J391J | CHIP R 390 J 1/16W | | |
| R12 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R13 | | | RK73GB1J470J | CHIP R 47 J 1/16W | | |
| R14 | | | RK73GB1J473J | CHIP R 47K J 1/16W | | |
| R15 | | | RK73GB1J2R2J | CHIP R 2.2 J 1/16W | | |
| R16 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R17 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R18 | | | RK73GB1J184J | CHIP R 180K J 1/16W | | |
| R19 | | | RK73GB1J471J | CHIP R 470 J 1/16W | | |
| R20 ,21 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R22 -24 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R25 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R26 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R27 | | | RK73GB1J152J | CHIP R 1.5K J 1/16W | | |
| R28 | | | RK73GB1J681J | CHIP R 680 J 1/16W | | |
| R29 -31 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R32 | | | RK73GB1J152J | CHIP R 1.5K J 1/16W | | |
| R33 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R34 ,35 | | | RK73GB1J222J | CHIP R 2.2K J 1/16W | | |
| R36 ,37 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R38 | | | RK73GB1J222J | CHIP R 2.2K J 1/16W | | |
| R39 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R40 | | | RK73GB1J104J | CHIP R 100K J 1/16W | | |
| R41 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R42 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R43 ,44 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R45 | | | RK73GB1J105J | CHIP R 1.0M J 1/16W | | |
| R46 | | | RK73GB1J562J | CHIP R 5.6K J 1/16W | | |
| R47 -49 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R50 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia

Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)

Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

6

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|-------------------------------------|----------|-----------|----------------|----------------------------|--------------|----------|
| R51 | | | RK73GB1J473J | CHIP R 47K J 1/16W | | |
| R52 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R53 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R54 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| D1 ,2 | | | MA111 | DIODE | | |
| D3 | | | KV1832E | VARIABLE CAPACITANCE DIODE | | |
| D4 | | | MA111 | DIODE | | |
| IC1 | | | UPC1687G | ANALOGUE IC | | |
| IC2 | | | LV2105V | MOS-IC | | |
| IC3 | | | UPC2748T-E3 | ANALOGUE IC | | |
| Q3 | | | 2SC5065(O,Y) | TRANSISTOR | | |
| Q4 -6 | | | 2SC4178(F13,14 | TRANSISTOR | | |
| Q7 | | | 2SA1576A(R,S) | TRANSISTOR | | |
| Q7 | | | 2SB1218A(Q,R) | TRANSISTOR | | |
| Q8 -10 | | | 2SC4081(R,S) | TRANSISTOR | | |
| Q8 -10 | | | 2SD1819A(Q,R) | TRANSISTOR | | |
| Q11 ,12 | | | 2SA1576A(R,S) | TRANSISTOR | | |
| Q11 ,12 | | | 2SB1218A(Q,R) | TRANSISTOR | | |
| TUNER UNIT (X05-513/514X-XX) | | | | | | |
| C1 | | | CK73FB1H332K | CHIP C 3300PF K | | |
| C2 | | | CK73FB1H103K | CHIP C 0.010UF K | | E1E2 |
| C3 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C5 ,6 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C7 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C10 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C11 ,12 | | | CK73FB1H473K | CHIP C 0.047UF K | | |
| C14 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C15 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C16 | | | CE04RW1HR47M | ELECTRO 0.47UF 50WV | | |
| C17 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C18 | | | CC73FCH1H470J | CHIP C 47PF J | | |
| C19 | | | CE04RW1A100M | ELECTRO 10UF 10WV | | |
| C20 | | | CK73FB1H473K | CHIP C 0.047UF K | | |
| C21 | | | CE04RW1V3R3M | ELECTRO 3.3UF 35WV | | |
| C22 | | | CK73FB1H473K | CHIP C 0.047UF K | | |
| C23 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C24 | | | CC73FCH1H331J | CHIP C 330PF J | | |
| C25 | | | CC73FCH1H181J | CHIP C 180PF J | | KP1K1 |
| C25 | | | CC73FCH1H181J | CHIP C 180PF J | | P2E1E2 |
| C25 | | | CC73FCH1H331J | CHIP C 330PF J | | V |
| C25 | | | CC73FCH1H331J | CHIP C 330PF J | | Y1M1X1 |
| C26 | | | CK73FB1H183K | CHIP C 0.018UF K | | |
| C27 | | | CE04HW1E4R7M | NP-ELEC 4.7UF 25WV | | |
| C28 ,29 | | | CE04KW1H2R2M | ELECTRO 2.2UF 50WV | | |
| C30 ,31 | | | CK73FB1H223K | CHIP C 0.022UF K | | E1Y1M1 |
| C30 ,31 | | | CK73FB1H223K | CHIP C 0.022UF K | | X1E2V |
| C30 ,31 | | | CK73FB1H333K | CHIP C 0.033UF K | | KP1K1 |
| C30 ,31 | | | CK73FB1H333K | CHIP C 0.033UF K | | P2 |
| C32 | | | CE04KW1H4R7M | ELECTRO 4.7UF 50WV | | |
| C33 ,34 | | | CK73FB1H103K | CHIP C 0.010UF K | | Y1M1V |
| C36 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C37 ,38 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C41 | | | CC73FCH1H470J | CHIP C 47PF J | | |
| C42 | | | CC73FCH1H270J | CHIP C 27PF J | | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia

Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)

Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components .

KRF-X7775D/X7775D-S/VR-5080/5090

PARTS LIST

Teile ohne **Parts No.** werden nicht geliefert.

7

L : Scandinavia **K** : USA **P** : Canada **R** : Mexico **C** : China **I** : Malaysia
Y : PX(Far East,Hawaii) **T** : England **E** : Europe **G** : Germany **V** : China(Shanghai)
Y : AA(FES(Europe)) **X** : Australia **C** : Russia **H** : Korea **M** : Other Areas  indicates safety critical components.

Teile ohne **Parts No.** werden nicht geliefert.

8

L: Scandinavia **K:** USA **P:** Canada **R:** Mexico **C:** China **I:** Malaysia
Y: PX(Far East,Hawaii) **T:** England **E:** Europe **G:** Germany **V:** China(Shanghai)
Y: AAFES(Europe) **X:** Australia **Q:** Russia **H:** Korea **M:** Other Areas ▲ indicates safety critical components.

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

9

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---|----------|-----------|--|--|-----------------------|----------|
| △ R50 R51 R52 R53 R54 | | | RD14NB2E471J RK73FB2A562J RK73FB2A101J RK73FB2A222J RK73FB2A102J | RD 470 J 1/4W CHIP R 5.6K J 1/10W CHIP R 100 J 1/10W CHIP R 2.2K J 1/10W CHIP R 1.0K J 1/10W | | |
| R55 R56 ,57 R58 R59 R72 ,73 | | | RK73FB2A333J RK73FB2A102J RK73FB2A123J RK73FB2A122J RK73FB2A333J | CHIP R 33K J 1/10W CHIP R 1.0K J 1/10W CHIP R 12K J 1/10W CHIP R 1.2K J 1/10W CHIP R 33K J 1/10W | KP1K1 | |
| R72 ,73 R72 ,73 R72 ,73 R74 R75 | | | RK73FB2A333J RK73FB2A333J RK73FB2A392J RK73FB2A473J RK73FB2A822J | CHIP R 33K J 1/10W CHIP R 33K J 1/10W CHIP R 3.9K J 1/10W CHIP R 47K J 1/10W CHIP R 8.2K J 1/10W | P2Y1M1 X1V E1E2 | |
| R76 R78 R79 R80 △ R81 | | | RK73FB2A182J RK73FB2A821J RK73FB2A332J RK73FB2A223J RS14KB3A151J | CHIP R 1.8K J 1/10W CHIP R 820 J 1/10W CHIP R 3.3K J 1/10W CHIP R 22K J 1/10W FL-PROOF RS 150 J 1W | E1E2 | |
| R82 R83 R84 R85 -87 R88 | | | RK73FB2A272J RK73FB2A102J RK73EB2B332J RK73FB2A333J RK73FB2A563J | CHIP R 2.7K J 1/10W CHIP R 1.0K J 1/10W CHIP R 3.3K J 1/8W CHIP R 33K J 1/10W CHIP R 56K J 1/10W | | |
| R89 R90 VR1 W51 ,52 W54 ,55 | | | RK73FB2A333J RK73FB2A681J R32-0037-05 R92-0670-05 R92-0670-05 | CHIP R 33K J 1/10W CHIP R 680 J 1/10W SEMI FIXED VARIABLE RESISTOR CHIP R 0 OHM CHIP R 0 OHM | | |
| W56 W59 ,60 W62 W80 W82 -85 | | | R92-0670-05 R92-0670-05 R92-0670-05 R92-0679-05 R92-0679-05 | CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM | Y1M1V | |
| W82 -85 W82 -85 W84 ,85 | | | R92-0679-05 R92-0679-05 R92-0679-05 | CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM | P2Y1M1 X1V E1E2 | |
| S1 | | | S62-0034-05 | SLIDE SWITCH | Y1M1V | |
| D1 D1 D1 D3 D3 | | | DA204U MA143A 1SS302 MTZJ8.2(B) RD8.2ES(B2) | DIODE DIODE DIODE ZENER DIODE ZENER DIODE | | |
| D4 D4 D5 D5 D8 | | | MTZJ5.1(B) RD5.1ES(B2) MTZJ2.7(B) RD2.7ES(B2) MA111 | ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE DIODE | | |
| D9 D9 D11 D13 IC1 | | | MTZJ3.3(B) RD3.3ES(B2) MA111 MA111 LA1837 | ZENER DIODE ZENER DIODE DIODE DIODE ANALOGUE IC | E1E2 | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas △ indicates safety critical components .

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

10

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---|----------|-----------|---|--|--------------------------------|----------|
| IC2 Q1 Q1 Q2 Q2 | | | LC72131 2SC4081(R,S) 2SC4116(Y,GR) 2SA1576A(R,S) 2SA1586(Y,GR) | MOS-IC TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | | |
| Q3 ,4 Q3 ,4 Q6 ,7 Q6 ,7 Q10 ,11 | | | 2SC4081(R,S) 2SC4116(Y,GR) 2SC4081(R,S) 2SC4116(Y,GR) 2SD1757K | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | Y1M1V Y1M1V E1E2 E1E2 | |
| Q12 Q12 Q14 Q14 | | | 2SA1576A(R,S) 2SA1586(Y,GR) 2SA1576A(R,S) 2SA1586(Y,GR) | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | | |
| A1 A1 A1 A1 | | | W02-2584-05 W02-2622-05 W02-2622-05 W02-2622-05 | FM FRONT-END ASSY FM FRONT-END ASSY FM FRONT-END ASSY FM FRONT-END ASSY | E1E2 KP1K1 P2Y1M1 X1V | |
| POWER AMPLIFIER UNIT (X07-334/335X-XX) | | | | | | |
| C1 -4 C5 ,6 C11 ,12 C13 ,14 C15 ,16 | | | CE04KW1H3R3M CC45FSL1H680J CK45FB1H222K CC45FCH1H050C CC45FSL1H101J | ELECTRO 3.3UF 50WV CERAMIC 68PF J CERAMIC 2200PF K CERAMIC 5.0PF C CERAMIC 100PF J | | |
| C17 ,18 C19 ,20 C21 ,22 C23 ,24 C25 ,26 | | | CE04KW1H100M CK45FF1H103Z CC45FSL1H151J CC45FSL2H470J CC45FSL1H070D | ELECTRO 10UF 50WV CERAMIC 0.010UF Z CERAMIC 150PF J CERAMIC 47PF J CERAMIC 7.0PF D | | |
| C27 ,28 C51 -54 C55 ,56 C61 ,62 C63 ,64 | | | CE04KW1A221M CE04KW1H3R3M CC45FSL1H680J CK45FB1H222K CC45FCH1H050C | ELECTRO 220UF 10WV ELECTRO 3.3UF 50WV CERAMIC 68PF J CERAMIC 2200PF K CERAMIC 5.0PF C | | |
| C65 ,66 C67 ,68 C69 ,70 C71 ,72 C73 ,74 | | | CC45FSL1H101J CE04KW1H100M CK45FF1H103Z CC45FSL1H151J CC45FSL2H470J | CERAMIC 100PF J ELECTRO 10UF 50WV CERAMIC 0.010UF Z CERAMIC 150PF J CERAMIC 47PF J | | |
| C75 ,76 C77 ,78 C101 ,102 C103 C106 | | | CC45FSL1H070D CE04KW1A221M CE04KW1H3R3M CC45FSL1H680J CK45FB1H222K | CERAMIC 7.0PF D ELECTRO 220UF 10WV ELECTRO 3.3UF 50WV CERAMIC 68PF J CERAMIC 2200PF K | | |
| C107 C108 C109 C110 C111 | | | CC45FCH1H050C CC45FSL1H101J CE04KW1A221M CK45FF1H103Z CE04KW1H100M | CERAMIC 5.0PF C CERAMIC 100PF J ELECTRO 220UF 10WV CERAMIC 0.010UF Z ELECTRO 10UF 50WV | | |
| C112 C113 C114 C115 C116 | | | CC45FSL1H151J CC45FSL2H470J CC45FSL1H070D CE04KW1H220M CE04KW1E470M | CERAMIC 150PF J CERAMIC 47PF J CERAMIC 7.0PF D ELECTRO 22UF 50WV ELECTRO 47UF 25WV | | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas △ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

11

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|---|--|--|----------|
| C117 C118 C119 C201-205 C251-254 | | | CE04KW1H220M CC45FSL1H101J CE04KW1E470M CK45FF1H103Z CF92FV1H224J | ELECTRO 22UF 50WV CERAMIC 100PF J ELECTRO 47UF 25WV CERAMIC 0.010UF Z MF-C 0.22UF J | E1Y1M1 | |
| C251-254 C255,256 C255,256 C257,258 C259-262 | | | CF92FV1H224J CF92FV1H104J CF92FV1H104J CQ93FMG1H272J CF92FV1H224J | MF-C 0.22UF J MF-C 0.10UF J MF-C 0.10UF J MYLAR 2700PF J MF-C 0.22UF J | X1E2V KP1K1 P2 E1Y1M1 | |
| C259-262 C263,264 C263,264 C265,266 C267,268 | | | CF92FV1H224J CF92FV1H104J CF92FV1H104J CQ93FMG1H393J CK45FB1H102K | MF-C 0.22UF J MF-C 0.10UF J MF-C 0.10UF J MYLAR 0.039UF J CERAMIC 1000PF K | X1E2V KP1K1 P2 E1Y1M1 | |
| C269,270 C269,270 C271 C271 C301 | | | CF92FV1H224J CF92FV1H224J CF92FV1H104J CF92FV1H104J CE04KW1A101M | MF-C 0.22UF J MF-C 0.22UF J MF-C 0.10UF J MF-C 0.10UF J ELECTRO 100UF | E1Y1M1 X1E2V KP1K1 P2 10WV | |
| C302 C303 C304 C305 C306,307 | | | CE04KW1H4R7M CE04KW1H220M CE04KW1H470M CE04KW1E470M CE04KW2A100M | ELECTRO 4.7UF 50WV ELECTRO 22UF 50WV ELECTRO 47UF 50WV ELECTRO 47UF 25WV ELECTRO 10UF 100WV | | |
| C308 C309,310 C351,352 C401,402 C403 | | | CE04KW2A470M CE04KW2A220M CE04KW2A100M C90-3868-05 C91-1422-05 | ELECTRO 47UF 100WV ELECTRO 22UF 100WV ELECTRO 10UF 100WV ELECTRO 8200UF 73WV MP 0.10UF 250WV | | |
| C404 C404 C405,406 C451 C452 | | | CK45FE2H103P CK45FE2H103P CK45FE2H103P CQ93FMG1H473J CE04KW1E102M | CERAMIC 0.010UF P CERAMIC 0.010UF P CERAMIC 0.010UF P MYLAR 0.047UF J ELECTRO 1000UF 25WV | KP1K1 P2 | |
| △ C453 △ C454 △ C455 △ C456 C567-571 | | * | C91-1488-05 C91-1488-05 C91-1627-05 CK45FF1H103Z CC45FSL1H221J | MF 6800PF 250VAC MF 6800PF 250VAC POLYESTE 0.1UF 250VAC CERAMIC 0.010UF Z CERAMIC 220PF J | Y1M1 | |
| CN1 CN3 CN4 CN5 CN6 | | | E40-4879-05 E40-8251-05 E40-8255-05 E40-4294-05 E40-3247-05 | PIN ASSY FLAT CABLE CONNECTOR FLAT CABLE CONNECTOR FLAT CABLE CONNECTOR PIN ASSY | | |
| CN7 CN8 CN10 CN11 CN11 | | | E40-3246-05 E40-3247-05 E40-4245-05 E40-4245-05 E40-4245-05 | PIN ASSY PIN ASSY PIN ASSY PIN ASSY PIN ASSY | E2V KP1K1 | |
| CN11 CN12 J1 J2 J2 | | * | E40-4245-05 E40-4281-05 E70-0131-05 E03-0148-05 E03-0148-05 | PIN ASSY PIN ASSY SCREW TERMINAL BOARD AC OUTLET AC OUTLET | P2E1X1 Y1M1 KP1K1 P2Y1 | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas △ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

12

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|---|------------------------------------|----------|
| △ J2 △ J2 △ J2 | | | E03-0149-05 E03-0325-05 E03-0361-05 | AC OUTLET AC OUTLET AC OUTLET | E1M1E2 X1 V | |
| △ F1 △ F1 △ F1 △ F1 △ F1 | | | F05-3121-05 F05-4025-05 F50-0078-05 F50-0078-05 F50-0112-05 | FUSE (SEMKO) (250V T3.15AL) FUSE (SEMKO) (250V T4A L) FUSE(5X20) FUSE(5X20) FUSE(5X20) | Y1M1 E1X1E2 KP1K1 P2 V | |
| △ F2 △ F3 △ FAN | 1B | | F05-3121-05 F05-2525-05 F09-0139-05 | FUSE (SEMKO) (250V T3.15AL) FUSE (SEMKO) (250V T2.5AL) FAN | Y1M1 E1E2 | |
| CN31,32 CN33,34 CN35,36 E2 | | | J13-0075-05 J13-0075-05 J13-0075-05 J11-0808-05 | FUSE CLIP FUSE CLIP FUSE CLIP WIRE CLAMPER | Y1M1 E1E2 | |
| L1 -5 △ T1 △ T1 △ T1 △ T1 | | * | L39-0085-05 L07-2936-05 L07-2936-05 L07-2937-05 L07-2939-05 | PHASE COMPENSATION COIL POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER | E1X1E2 V Y1M1 KP1K1 | |
| △ T1 | | * | L07-2939-05 | POWER TRANSFORMER | P2 | |
| R23 ,24 R29 -32 R73 ,74 R79 -82 R112 | | | RD14NB2E101J RD14NB2E221J RD14NB2E101J RD14NB2E221J RD14NB2E101J | RD 100 J 1/4W RD 220 J 1/4W RD 100 J 1/4W RD 220 J 1/4W RD 100 J 1/4W | | |
| R115,116 △ R155 R201-204 R205,206 R207-210 | | | RD14NB2E221J RD14NB2E220J RD14NB2E470J RD14NB2E151J RD14NB2E101J | RD 220 J 1/4W RD 22 J 1/4W RD 47 J 1/4W RD 150 J 1/4W RD 100 J 1/4W | | |
| R213-216 R229,230 R251-254 R255,256 R257-260 | | | RD14NB2E332J RD14NB2E220J RD14NB2E470J RD14NB2E151J RD14NB2E101J | RD 3.3K J 1/4W RD 22 J 1/4W RD 47 J 1/4W RD 150 J 1/4W RD 100 J 1/4W | | |
| R263-266 R279,280 R301,302 R303 R304,305 | | | RD14NB2E332J RD14NB2E220J RD14NB2E470J RD14NB2E151J RD14NB2E101J | RD 3.3K J 1/4W RD 22 J 1/4W RD 47 J 1/4W RD 150 J 1/4W RD 100 J 1/4W | | |
| R307,308 R315 R351-355 △ R356-359 R360,361 | | | RD14NB2E332J RD14NB2E220J RS14KB3D2R7J RD14NB2E271J RS14KB3D471J | RD 3.3K J 1/4W RD 22 J 1/4W FL-PROOF RS 2.7 J 2W RD 270 J 1/4W FL-PROOF RS 470 J 2W | | |
| △ R362 △ R394 △ R395 R398 △ R451,452 | | | RD14NB2E271J RD14NB2E100J RD14NB2E682J RD14NB2E272J RD14NB2E560J | RD 270 J 1/4W RD 10 J 1/4W RD 6.8K J 1/4W RD 2.7K J 1/4W RD 56 J 1/4W | | |
| △ R502 △ R502 | | | R92-1844-05 R92-1844-05 | CARBON 3.3M J 1/2W CARBON 3.3M J 1/2W | KP1K1 P2 | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas △ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

13

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|---|--------------|----------|
| △ R506 R510 VR1 -5 | | | RD14NB2E1R0J RS14KB3D182J R32-0030-05 | RD 1 J 1/4W FL-PROOF RS 1.8K J 2W SEMI FIXED VARIABLE RESISTOR | | |
| K1 -5 △ K6 △ S1 | | | S76-0076-05 S76-0106-05 S31-3010-05 | MAGNETIC RELAY MAGNETIC RELAY SLIDE SWITCH | Y1M1 | |
| D1 -4 D1 -4 D11 -14 D11 -14 D21 ,22 | | | HSS104A 1SS133 HSS104A 1SS133 HSS104A | DIODE DIODE DIODE DIODE DIODE | | |
| D21 ,22 D51 ,52 D53 -62 D53 -62 D71 ,72 | | | 1SS133 1SS244 HSS104A 1SS133 1SS244 | DIODE DIODE DIODE DIODE DIODE | | |
| D73 -82 D73 -82 D91 D92 -96 D92 -96 | | | HSS104A 1SS133 1SS244 HSS104A 1SS133 | DIODE DIODE DIODE DIODE DIODE | | |
| △ D100 △ D101,102 △ D103 D103 D104 | | | RBV-1506LFA S5688B MTZJ13(B) RD13ES(B2) MTZJ15(B) | DIODE DIODE ZENER DIODE ZENER DIODE ZENER DIODE | | |
| D104 D105,106 D105,106 D107,108 D107,108 | | | RD15ES(B2) MTZJ4.7(B) RD4.7ES(B2) HSS104A 1SS133 | ZENER DIODE ZENER DIODE ZENER DIODE DIODE DIODE | | |
| D109 D109 D111-115 D111-115 D121,122 | | | MTZJ5.1(B) RD5.1ES(B2) HSS104A 1SS133 MTZJ18(B) | ZENER DIODE ZENER DIODE DIODE DIODE ZENER DIODE | | |
| D121,122 D123,124 D123,124 D251 D251 | | | RD18ES(B2) MTZJ20(B) RD20ES(B2) MTZJ5.1(B) RD5.1ES(B2) | ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE | | |
| D252,253 D252,253 D502 D502 △ D503-508 | | | HSS104A 1SS133 HSS104A 1SS133 S5688B | DIODE DIODE DIODE DIODE DIODE | | |
| △ D509 △ D509 △ D510 D511-513 D511-513 | | | HSS104A 1SS133 S5688B HSS104A 1SS133 | DIODE DIODE DIODE DIODE DIODE | | |
| D514 D514 Q1 ,2 | | | MTZJ4.7(B) RD4.7ES(B2) 2SC2878(B) | ZENER DIODE ZENER DIODE TRANSISTOR | | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas △ indicates safety critical components .

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

14

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|---|--|--|-----------------------|
| Q3 -6 Q7 ,8 Q9 -12 Q13 ,14 Q13 ,14 | | | 2SA992(F,E) 2SA1123(R,S) 2SC2631(R,S) 2SA1048(Y,GR) 2SA933AS(Q,R) | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | | |
| Q51 ,52 Q53 -56 Q57 ,58 Q59 -62 Q63 ,64 | | | 2SC2878(B) 2SA992(F,E) 2SA1123(R,S) 2SC2631(R,S) 2SA1048(Y,GR) | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | | |
| Q63 ,64 Q101 Q102,103 Q104,105 Q106 | | | 2SA933AS(Q,R) 2SC2878(B) 2SA992(F,E) 2SC2631(R,S) 2SA1123(R,S) | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | | |
| Q107 Q107 Q108 Q108 Q109 | △ △ | | 2SA1048(Y,GR) 2SA933AS(Q,R) 2SC1740S(Q,R) 2SC2458(Y,GR) DTC124ESA | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR | | |
| Q109 △ Q201,202 △ Q203,204 Q205,206 Q207,208 | | * * | UN4212 TRAIT8N*5 TRAIT8P*5 2SC1845(F,E) 2SA992(F,E) | DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | | |
| △ Q251,252 △ Q253,254 Q255,256 Q257,258 △ Q301 | | * * | TRAIT8N*5 TRAIT8P*5 2SC1845(F,E) 2SA992(F,E) TRAIT8N*5 | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | | |
| △ Q302 Q303 Q304 Q351-354 Q351-354 | | * | TRAIT8P*5 2SC1845(F,E) 2SA992(F,E) DTC113ZSA UN4219 | TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR | | |
| Q381,382 Q383,384 Q401 Q401 Q402,403 | | | 2SC1845(F,E) 2SA992(F,E) DTC124ESA UN4212 DTC113ZSA | TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR | | |
| △ Q402,403 △ Q404 Q405,406 Q405,406 △ Q407 | | | UN4219 2SD2012 2SC1740S(Q,R) 2SC2458(Y,GR) 2SA1110(R,S) | DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | | |
| Q408 Q530 Q530 | | | 2SC2003(L,K) 2SA1048(Y,GR) 2SA933AS(Q,R) | TRANSISTOR TRANSISTOR TRANSISTOR | | |
| SURROUND UNIT (X08-309/310X-XX) | | | | | | |
| C1 C2 C4 C11 C12 | | | CC73GCH1H470J CK73GB1H103K CC73GCH1H470J CC73GCH1H470J CK73GB1H103K | CHIP C CHIP C CHIP C CHIP C CHIP C | 47PF 0.010UF 47PF 47PF 0.010UF | J K J J K |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas △ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

15

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|-----------|----------|-----------|---------------|-------------|--------------|----------|
| C14 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C15 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C21 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C22 | | | CK73GB1H103K | CHIP C | 0.010UF | K |
| C24 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C31 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C32 | | | CK73GB1H103K | CHIP C | 0.010UF | K |
| C34 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C35 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C41 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C42 | | | CK73GB1H103K | CHIP C | 0.010UF | K |
| C44 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C51 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C52 | | | CK73GB1H103K | CHIP C | 0.010UF | K |
| C54 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C55 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C61 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C62 | | | CK73GB1H103K | CHIP C | 0.010UF | K |
| C64 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C71 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C72 | | | CC73GCH1H220J | CHIP C | 22PF | J |
| C73 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C74 | | | CC73GCH1H220J | CHIP C | 22PF | J |
| C75 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C76 | | | CC73GCH1H270J | CHIP C | 27PF | J |
| C101 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C102 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C103, 104 | | | CC73GCH1H220J | CHIP C | 22PF | J |
| C105 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C107-109 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C110 | | | CK73GB1H103K | CHIP C | 0.010UF | K |
| C111 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C112 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C113 | | | CC73GCH1H150J | CHIP C | 15PF | J |
| C114 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C116 | | | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C201 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C202 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C203 | | | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C205 | | | CE04KW1E470M | ELECTRO | 47UF | 25WV |
| C206 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C207 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C208 | | | CE04KW1E470M | ELECTRO | 47UF | 25WV |
| C212 | | | CC73GCH1H470J | CHIP C | 47PF | J |
| C213-216 | | | CC73GCH1H471J | CHIP C | 470PF | J |
| C221,222 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C223,224 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C225,226 | | | CC73GCH1H151J | CHIP C | 150PF | J |
| C227,228 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C229,230 | | | CE04KW1E470M | ELECTRO | 47UF | 25WV |
| C231,232 | | | CC73GCH1H220J | CHIP C | 22PF | J |
| C233,234 | | | CK73GB1H222K | CHIP C | 2200PF | K |
| C235,236 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C301 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C302 | | | CE04KW1A101M | ELECTRO | 100UF | 10WV |

L : Scandinavia
Y : PX(Far East,Hawaii)
Y : AAFES(Europe)

K : USA
T : England
X : Australia

P : Canada
E : Europe
Q : Russia

R : Mexico
G : Germany
H : Korea

C : China
V : China(Shanghai)
M : Other Areas

I : Malaysia

Δ indicates safety critical components.

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

16

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|---------------|-------------|--------------|----------|
| C303 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C304 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C305 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C306 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C307 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C311,312 | | | CQ93FMG1H272J | MYLAR | 2700PF | J |
| C313,314 | | | CC73GCH1H220J | CHIP C | 22PF | J |
| C315-320 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C321,322 | | | CQ93FMG1H223J | MYLAR | 0.022UF | J |
| C323,324 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C325,326 | | | CQ93FMG1H102J | MYLAR | 1000PF | J |
| C327,328 | | | CQ93FMG1H472J | MYLAR | 4700PF | J |
| C329,330 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C331,332 | | | CC73GCH1H050C | CHIP C | 5.0PF | C |
| C351 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C352 | | | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C353 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C354 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C355 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C356 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C357 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C361,362 | | | CQ93FMG1H272J | MYLAR | 2700PF | J |
| C363,364 | | | CC73GCH1H220J | CHIP C | 22PF | J |
| C365-370 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C371,372 | | | CQ93FMG1H223J | MYLAR | 0.022UF | J |
| C373,374 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C375,376 | | | CQ93FMG1H102J | MYLAR | 1000PF | J |
| C377,378 | | | CQ93FMG1H472J | MYLAR | 4700PF | J |
| C379,380 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C381,382 | | | CC73GCH1H050C | CHIP C | 5.0PF | C |
| C401 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C402 | | | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C403 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C404 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C405 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C406 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C407 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C411 | | | CQ93FMG1H272J | MYLAR | 2700PF | J |
| C412 | | | CQ93FMG1H103J | MYLAR | 0.010UF | J |
| C413,414 | | | CC73GCH1H220J | CHIP C | 22PF | J |
| C415-417 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C418 | | | CK73GB1H272K | CHIP C | 2700PF | K |
| C419,420 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C421,422 | | | CQ93FMG1H223J | MYLAR | 0.022UF | J |
| C423,424 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C425 | | | CQ93FMG1H102J | MYLAR | 1000PF | J |
| C426 | | | CQ93FMG1H272J | MYLAR | 2700PF | J |
| C427 | | | CQ93FMG1H472J | MYLAR | 4700PF | J |
| C428 | | | CQ93FMG1H223J | MYLAR | 0.022UF | J |
| C429,430 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C431,432 | | | CC73GCH1H050C | CHIP C | 5.0PF | C |
| C451 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C452 | | | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C453 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C454 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |

L : Scandinavia
Y : PX(Far East,Hawaii)
Y : AAFES(Europe)

K : USA
T : England
X : Australia

P : Canada
E : Europe
Q : Russia

R : Mexico
G : Germany
H : Korea

C : China
V : China(Shanghai)
M : Other Areas

I : Malaysia

Δ indicates safety critical components.

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

17

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|---------------|------------------------------|--------------|----------|
| C455 | | | CC73GCH1H101J | CHIP C 100PF J | | |
| C456 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C457 | | | CC73GCH1H101J | CHIP C 100PF J | | |
| C461,462 | | | CQ93FMG1H272J | MYLAR 2700PF J | | |
| C463,464 | | | CC73GCH1H220J | CHIP C 22PF J | | |
| C465-470 | | | CC73GCH1H101J | CHIP C 100PF J | | |
| C471,472 | | | CQ93FMG1H223J | MYLAR 0.022UF J | | |
| C473,474 | | | CC73GCH1H101J | CHIP C 100PF J | | |
| C475,476 | | | CQ93FMG1H102J | MYLAR 1000PF J | | |
| C477,478 | | | CQ93FMG1H472J | MYLAR 4700PF J | | |
| C479,480 | | | CC73GCH1H101J | CHIP C 100PF J | | |
| C481,482 | | | CC73GCH1H050C | CHIP C 5.0PF C | | |
| C601-605 | | | CC73GCH1H102J | CHIP C 1000PF J | | |
| C606,607 | | | CC73GCH1H090D | CHIP C 9.0PF D | | |
| C608-630 | | | CC73GCH1H102J | CHIP C 1000PF J | | |
| C631 | | | CK73GB1H103K | CHIP C 0.010UF K | | |
| C632-634 | | | CC73GCH1H102J | CHIP C 1000PF J | | |
| C701-706 | | | CC73GCH1H102J | CHIP C 1000PF J | | |
| C707 | | | CK73GB1H103K | CHIP C 0.010UF K | | |
| C801,802 | | | CK73GB1H103K | CHIP C 0.010UF K | | |
| C803 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C804 | | | CK73GB1H103K | CHIP C 0.010UF K | | |
| C805 | | | CC73GCH1H102J | CHIP C 1000PF J | | |
| C806 | | | CK73GB1H103K | CHIP C 0.010UF K | | |
| C951 | | | CE04KW1E470M | ELECTRO 47UF 25WV | | |
| C954 | | | CE04KW1E470M | ELECTRO 47UF 25WV | | |
| C955 | | | CE04DW1A102M | ELECTRO 1000UF 10WV | | |
| C956 | | | CK73GB1H103K | CHIP C 0.010UF K | | |
| C958 | | | CE04KW1A101M | ELECTRO 100UF 10WV | | |
| C959 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C960 | | | CC73GCH1H102J | CHIP C 1000PF J | | |
| C961 | | | CK73GB1H103K | CHIP C 0.010UF K | | |
| C963 | | | CE04KW1A101M | ELECTRO 100UF 10WV | | |
| C965 | | | CE04KW1E470M | ELECTRO 47UF 25WV | | |
| CN1 ,2 | | | E40-9836-05 | SOCKET FOR PIN ASSY | | |
| CN3 | | | E40-9832-05 | SOCKET FOR PIN ASSY | | |
| J1 | | | E63-1128-05 | PIN JACK | K1P2 | |
| J2 | | | E63-1129-05 | PIN JACK | E2V | |
| J2 | | | E63-1129-05 | PIN JACK | KP1E1 | |
| J2 | | | E63-1129-05 | PIN JACK | | |
| J2 | | | E63-1129-05 | PIN JACK | Y1M1X1 | |
| J2 | | | E63-1130-05 | PIN JACK | K1P2 | |
| J3 ,4 | | | E63-1124-05 | PIN JACK | K1P2 | |
| L1 ,2 | | | L40-4795-34 | SMALL FIXED INDUCTOR(4.7UH) | | |
| X1 | | * | L77-2337-05 | CRYSTAL RESONATOR(12.288MHZ) | | |
| X2 | | * | L77-2314-05 | CRYSTAL RESONATOR(33MHZ) | | |
| X3 | | * | L78-0604-05 | RESONATOR (6.00MHZ) | | |
| R1 | | | RK73GB1J750J | CHIP R 75 J 1/16W | | |
| R2 | | | RK73GB1J751J | CHIP R 750 J 1/16W | | |
| R3 | | | RK73GB1J104J | CHIP R 100K J 1/16W | | |
| R4 | | | RK73GB1J184J | CHIP R 180K J 1/16W | | |
| R5 | | | RK73GB1J470J | CHIP R 47 J 1/16W | | |
| R7 | | | RK73GB1J151J | CHIP R 150 J 1/16W | | |
| R11 | | | RK73GB1J750J | CHIP R 75 J 1/16W | | |
| R12 | | | RK73GB1J751J | CHIP R 750 J 1/16W | | |

L : Scandinavia

Y : PX(Far East,Hawaii)

Y : AAFES(Europe)

K : USA

T : England

X : Australia

P : Canada

E : Europe

Q : Russia

R : Mexico

G : Germany

H : Korea

C : China

V : China(Shanghai)

M : Other Areas

I : Malaysia

Δ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

18

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---------|----------|-----------|--------------|---------------------|--------------|----------|
| R13 | | | RK73GB1J104J | CHIP R 100K J 1/16W | | |
| R14 | | | RK73GB1J184J | CHIP R 180K J 1/16W | | |
| R15 | | | RK73GB1J470J | CHIP R 47 J 1/16W | | |
| R17 | | | RK73GB1J151J | CHIP R 150 J 1/16W | | |
| R18 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R21 | | | RK73GB1J750J | CHIP R 75 J 1/16W | | |
| R22 | | | RK73GB1J751J | CHIP R 750 J 1/16W | | |
| R23 | | | RK73GB1J104J | CHIP R 100K J 1/16W | | |
| R24 | | | RK73GB1J184J | CHIP R 180K J 1/16W | | |
| R25 | | | RK73GB1J470J | CHIP R 47 J 1/16W | | |
| R27 | | | RK73GB1J151J | CHIP R 150 J 1/16W | | |
| R31 | | | RK73GB1J750J | CHIP R 75 J 1/16W | K1P2 | |
| R32 | | | RK73GB1J751J | CHIP R 750 J 1/16W | K1P2 | |
| R33 | | | RK73GB1J104J | CHIP R 100K J 1/16W | K1P2 | |
| R34 | | | RK73GB1J184J | CHIP R 180K J 1/16W | K1P2 | |
| R35 | | | RK73GB1J470J | CHIP R 47 J 1/16W | K1P2 | |
| R36 | | | RK73GB1J103J | CHIP R 10K J 1/16W | E2V | |
| R36 | | | RK73GB1J103J | CHIP R 10K J 1/16W | KP1E1 | |
| R36 | | | RK73GB1J103J | CHIP R 10K J 1/16W | Y1M1X1 | |
| R37 | | | RK73GB1J151J | CHIP R 150 J 1/16W | K1P2 | |
| R41 | | | RK73GB1J750J | CHIP R 75 J 1/16W | K1P2 | |
| R42 | | | RK73GB1J751J | CHIP R 750 J 1/16W | K1P2 | |
| R43 | | | RK73GB1J104J | CHIP R 100K J 1/16W | K1P2 | |
| R44 | | | RK73GB1J184J | CHIP R 180K J 1/16W | K1P2 | |
| R45 | | | RK73GB1J470J | CHIP R 47 J 1/16W | K1P2 | |
| R46 | | | RK73GB1J103J | CHIP R 10K J 1/16W | E2V | |
| R46 | | | RK73GB1J103J | CHIP R 10K J 1/16W | KP1E1 | |
| R46 | | | RK73GB1J103J | CHIP R 10K J 1/16W | Y1M1X1 | |
| R47 | | | RK73GB1J151J | CHIP R 150 J 1/16W | K1P2 | |
| R48 | | | RK73FB2A100J | CHIP R 10 J 1/10W | K1P2 | |
| R51 | | | RK73GB1J750J | CHIP R 75 J 1/16W | K1P2 | |
| R52 | | | RK73GB1J751J | CHIP R 750 J 1/16W | K1P2 | |
| R53 | | | RK73GB1J104J | CHIP R 100K J 1/16W | K1P2 | |
| R54 | | | RK73GB1J184J | CHIP R 180K J 1/16W | K1P2 | |
| R55 | | | RK73GB1J470J | CHIP R 47 J 1/16W | K1P2 | |
| R56 | | | RK73GB1J103J | CHIP R 10K J 1/16W | E2V | |
| R56 | | | RK73GB1J103J | CHIP R 10K J 1/16W | KP1E1 | |
| R56 | | | RK73GB1J103J | CHIP R 10K J 1/16W | Y1M1X1 | |
| R57 | | | RK73GB1J151J | CHIP R 150 J 1/16W | K1P2 | |
| R58 | | | RK73FB2A100J | CHIP R 10 J 1/10W | K1P2 | |
| R61 | | | RK73GB1J750J | CHIP R 75 J 1/16W | K1P2 | |
| R62 | | | RK73GB1J751J | CHIP R 750 J 1/16W | K1P2 | |
| R63 | | | RK73GB1J104J | CHIP R 100K J 1/16W | K1P2 | |
| R64 | | | RK73GB1J184J | CHIP R 180K J 1/16W | K1P2 | |
| R65 | | | RK73GB1J470J | CHIP R 47 J 1/16W | K1P2 | |
| R66 | | | RK73GB1J103J | CHIP R 10K J 1/16W | E2V | |
| R66 | | | RK73GB1J103J | CHIP R 10K J 1/16W | KP1E1 | |
| R66 | | | RK73GB1J103J | CHIP R 10K J 1/16W | Y1M1X1 | |
| R67 | | | RK73GB1J151J | CHIP R 150 J 1/16W | K1P2 | |
| R71 | | | RK73FB2A100J | CHIP R 10 J 1/10W | K1P2 | |
| R72 | | | RK73GB1J100J | CHIP R 10 J 1/16W | K1P2 | |
| R73 | | | RK73GB1J221J | CHIP R 220 J 1/16W | K1P2 | |
| R74 ,75 | | | RK73GB1J750J | CHIP R 75 J 1/16W | K1P2 | |
| R76 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R77 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |

L : Scandinavia

Y : PX(Far East,Hawaii)

Y : AAFES(Europe)

K : USA

T : England

X : Australia

P : Canada

E : Europe

Q : Russia

R : Mexico

G : Germany

H : Korea

C : China

V : China(Shanghai)

M : Other Areas

I : Malaysia

Δ indicates safety critical components .

KRF-X7775D/X7775D-S/MR-5080/5090

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

19

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|---------------------|--------------|----------|
| R79 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R80 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R101 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R102 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R103,104 | | | RK73GB1J105J | CHIP R 1.0M J 1/16W | | |
| R105 | | | RK73GB1J152J | CHIP R 1.5K J 1/16W | | |
| R106 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R107 | | | RK73GB1J183J | CHIP R 18K J 1/16W | | |
| R108 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R110 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R111 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R112 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R113-117 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R118 | | | RK73GB1J471J | CHIP R 470 J 1/16W | | |
| R119 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R120 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R121 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R122 | | | RK73GB1J151J | CHIP R 150 J 1/16W | | |
| R123 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R124 | | | RK73GB1J151J | CHIP R 150 J 1/16W | | |
| R125 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R126 | | | RK73FB2A2R2J | CHIP R 2.2 J 1/10W | | |
| R127 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R201 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R202 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R203-206 | | | RK73GB1J473J | CHIP R 47K J 1/16W | | |
| R207 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R208,209 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R210 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R211 | | | RK73GB1J221J | CHIP R 220 J 1/16W | | |
| R221,222 | | | RK73GB1J273J | CHIP R 27K J 1/16W | | |
| R223,224 | | | RK73GB1J123J | CHIP R 12K J 1/16W | | |
| R225,226 | | | RK73GB1J561J | CHIP R 560 J 1/16W | | |
| R227-230 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R233-236 | | | RK73GB1J471J | CHIP R 470 J 1/16W | | |
| R301 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R302-304 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R305 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R306 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R307 | | | RK73GB1J1R0J | CHIP R 1 J 1/16W | | |
| R311-314 | | | RK73GB1J182J | CHIP R 1.8K J 1/16W | | |
| R315-318 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R319-322 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R323,324 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R325-328 | | | RK73GB1J681J | CHIP R 680 J 1/16W | | |
| R329,330 | | | RK73GB1J471J | CHIP R 470 J 1/16W | | |
| R331,332 | | | RK73GB1J121J | CHIP R 120 J 1/16W | | |
| R333,334 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R335,336 | | | RK73GB1J1R0J | CHIP R 1 J 1/16W | | |
| R351 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R352-354 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R355 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R356 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R357 | | | RK73GB1J1R0J | CHIP R 1 J 1/16W | | |
| R361-368 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |

L : Scandinavia

Y : PX(Far East,Hawaii)

Y : AAFES(Europe)

K : USA

T : England

X : Australia

P : Canada

E : Europe

Q : Russia

R : Mexico

G : Germany

H : Korea

C : China

V : China(Shanghai)

M : Other Areas

I : Malaysia

Δ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

20

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|---------------------|--------------|----------|
| R369-372 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R373,374 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R375-378 | | | RK73GB1J511J | CHIP R 510 J 1/16W | | |
| R379,380 | | | RK73GB1J471J | CHIP R 470 J 1/16W | | |
| R381,382 | | | RK73GB1J121J | CHIP R 120 J 1/16W | | |
| R383,384 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R385,386 | | | RK73GB1J1R0J | CHIP R 1 J 1/16W | | |
| R401 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R402-404 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R405 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R406 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R407 | | | RK73GB1J1R0J | CHIP R 1 J 1/16W | | |
| R411,412 | | | RK73GB1J182J | CHIP R 1.8K J 1/16W | | |
| R413,414 | | | RK73GB1J242J | CHIP R 2.4K J 1/16W | | |
| R415,416 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R417,418 | | | RK73GB1J122J | CHIP R 1.2K J 1/16W | | |
| R419 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R420 | | | RK73GB1J273J | CHIP R 27K J 1/16W | | |
| R421 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R422 | | | RK73GB1J273J | CHIP R 27K J 1/16W | | |
| R423,424 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R425 | | | RK73GB1J681J | CHIP R 680 J 1/16W | | |
| R426 | | | RK73GB1J123J | CHIP R 12K J 1/16W | | |
| R427 | | | RK73GB1J681J | CHIP R 680 J 1/16W | | |
| R428 | | | RK73GB1J123J | CHIP R 12K J 1/16W | | |
| R429 | | | RK73GB1J471J | CHIP R 470 J 1/16W | | |
| R430 | | | RK73GB1J183J | CHIP R 18K J 1/16W | | |
| R431 | | | RK73GB1J121J | CHIP R 120 J 1/16W | | |
| R432 | | | RK73GB1J152J | CHIP R 1.5K J 1/16W | | |
| R433,434 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R435,436 | | | RK73GB1J1R0J | CHIP R 1 J 1/16W | | |
| R451 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R452-454 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R455 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R456 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R457 | | | RK73GB1J1R0J | CHIP R 1 J 1/16W | | |
| R461-468 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R469-472 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R473,474 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R475-478 | | | RK73GB1J511J | CHIP R 510 J 1/16W | | |
| R479,480 | | | RK73GB1J471J | CHIP R 470 J 1/16W | | |
| R481,482 | | | RK73GB1J121J | CHIP R 120 J 1/16W | | |
| R483,484 | | | RK73GB1J100J | CHIP R 10 J 1/16W | | |
| R485,486 | | | RK73GB1J1R0J | CHIP R 1 J 1/16W | | |
| R550 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R601 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R602-605 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R606,607 | | | RK73GB1J470J | CHIP R 47 J 1/16W | | |
| R608 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R609 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R610,611 | | | RK73GB1J470J | CHIP R 47 J 1/16W | | |
| R612-615 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R616-618 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |
| R619-621 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R622 | | | RK73FB2A1R0J | CHIP R 1 J 1/10W | | |

L : Scandinavia

Y : PX(Far East,Hawaii)

Y : AAFES(Europe)

K : USA

T : England

X : Australia

P : Canada

E : Europe

Q : Russia

R : Mexico

G : Germany

H : Korea

C : China

V : China(Shanghai)

M : Other Areas

I : Malaysia

Δ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

21

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|------------|----------|-----------|--------------|-------------|--------------|----------|
| R623 | | | RK73GB1J105J | CHIP R | 1.0M | J 1/16W |
| R624 | | | RK73GB1J102J | CHIP R | 1.0K | J 1/16W |
| R625 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R626 | | | RK73GB1J103J | CHIP R | 10K | J 1/16W |
| R627,628 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R629 | | | RK73GB1J103J | CHIP R | 10K | J 1/16W |
| R630-639 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| R640-648 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R649-652 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| R653 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R654,655 | | | RK73GB1J103J | CHIP R | 10K | J 1/16W |
| R656 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R657 | | | RK73GB1J103J | CHIP R | 10K | J 1/16W |
| R658 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| R659-664 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R665-667 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| R668 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R669-671 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| R672 | | | RK73GB1J103J | CHIP R | 10K | J 1/16W |
| R673 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| △ R674 | | | RK73FB2A100J | CHIP R | 10 | J 1/10W |
| R675 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R701-708 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| R709,710 | | | RK73GB1J472J | CHIP R | 4.7K | J 1/16W |
| R711-719 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| R720 | | | RK73GB1J472J | CHIP R | 4.7K | J 1/16W |
| R721-723 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| R724-727 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R728-731 | | | RK73GB1J101J | CHIP R | 100 | J 1/16W |
| R732-734 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R801-854 | | | RK73GB1J473J | CHIP R | 47K | J 1/16W |
| R855 | | | RK73GB1J105J | CHIP R | 1.0M | J 1/16W |
| R856 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R857 | | | RK73GB1J183J | CHIP R | 18K | J 1/16W |
| R858 | | | RK73GB1J123J | CHIP R | 12K | J 1/16W |
| R859 | | | RK73GB1J183J | CHIP R | 18K | J 1/16W |
| R860 | | | RK73GB1J473J | CHIP R | 47K | J 1/16W |
| R861 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R862-864 | | | RK73GB1J473J | CHIP R | 47K | J 1/16W |
| R865,866 | | | RK73GB1J102J | CHIP R | 1.0K | J 1/16W |
| R867 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R868,869 | | | RK73GB1J473J | CHIP R | 47K | J 1/16W |
| R871-875 | | | RK73GB1J471J | CHIP R | 470 | J 1/16W |
| R876 | | | RK73GB1J512J | CHIP R | 5.1K | J 1/16W |
| R877-895 | | | RK73GB1J471J | CHIP R | 470 | J 1/16W |
| R896-900 | | | RK73GB1J221J | CHIP R | 220 | J 1/16W |
| R901-905 | | | RK73GB1J471J | CHIP R | 470 | J 1/16W |
| R911-915 | | | RK73GB1J473J | CHIP R | 47K | J 1/16W |
| R951-954 | | | RK73FB2A181J | CHIP R | 180 | J 1/10W |
| △ R955-960 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| R961 | | | RK73GB1J102J | CHIP R | 1.0K | J 1/16W |
| △ R962-967 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| △ R969-972 | | | RK73FB2A1R0J | CHIP R | 1 | J 1/10W |
| △ R973-976 | | | RK73FB2A390J | CHIP R | 39 | J 1/10W |
| R999 | | | RK73GB1J1R0J | CHIP R | 1 | J 1/16W |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas △ indicates safety critical components .

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

22

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--------------------------------|----------|-----------|---------------|----------------------|--------------|----------|
| D3 -6 | | | DA204U | DIODE | | |
| D3 -6 | | | 1SS302 | DIODE | | |
| IC1 | | | TC74HC04AF | IC(HEX INVERTER SMD) | K1P2 | |
| IC2 | | | TC74HC04AF | IC(HEX INVERTER SMD) | K1P2 | |
| IC3 ,4 | | | TC74HC04AF | IC(HEX INVERTER SMD) | | |
| IC5 | | | TC74HC151AF | MOS-IC | | |
| IC6 | | * | AK4112BVF | MOS-IC | | |
| IC7 | | * | AK5383VF | MOS-IC | | |
| IC8 ,9 | | | NJM4565MD | IC(OP AMP X2) | | |
| IC11 | | | AK4393-VF | MOS-IC | | |
| IC11 | | * | AK4393VF | MOS-IC | | |
| IC12,13 | | | NJM4565MD | IC(OP AMP X2) | | |
| IC14 | | | AK4393-VF | MOS-IC | | |
| IC14 | | * | AK4393VF | MOS-IC | | |
| IC15,16 | | | NJM4565MD | IC(OP AMP X2) | | |
| IC17 | | | AK4393-VF | MOS-IC | | |
| IC17 | | * | AK4393VF | MOS-IC | | |
| IC18,19 | | | NJM4565MD | IC(OP AMP X2) | | |
| IC20 | | | AK4393-VF | MOS-IC | | |
| IC20 | | * | AK4393VF | MOS-IC | | |
| IC21,22 | | | NJM4565MD | IC(OP AMP X2) | | |
| IC31 | | * | ADSST-A-3525 | MOS-IC | | |
| IC32 | | * | 49BV008A1ALA | MOS-IC | | |
| IC33,34 | | | HY57V16160DTC | MEMORY IC | | |
| IC35 | | | TC7S04F | IC(2CH NAND GATE) | | |
| IC36,37 | | | TC7SHU04FU | MOS-IC | | |
| IC38 | | | TC74HC08AF | MOS-IC | | |
| IC39,40 | | * | TC74LVX573F | MOS-IC | | |
| IC41 | | | TC7SH32F | MOS-IC | | |
| IC42 | | | TC7SH02F | MOS-IC | | |
| IC43 | | * | UPD784224K507 | MI-COM IC | | |
| IC44 | | | TC74VHC125F | MOS-IC | | |
| IC45 | | | TC7WH34FK | MOS-IC | | |
| △ IC51 | | | UPC29L33T | ANALOGUE IC | | |
| △ IC52 | | * | PQ3DZ13 | ANALOGUE IC | | |
| △ IC53,54 | | * | UPC29M05T | ANALOGUE IC | | |
| CONTROL UNIT (X11-389/390X-XX) | | | | | | |
| C1 -14 | | | CC73GCH1H221J | CHIP C | 220PF | J |
| C45 -48 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C49 ,50 | | | CE04KW1H470M | ELECTRO | 47UF | 50WV |
| C53 ,54 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C55 ,56 | | | CC73GCH1H221J | CHIP C | 220PF | J |
| C57 ,58 | | | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C61 ,62 | | | CQ93FMG1H123J | MYLAR | 0.012UF | J |
| C63 ,64 | | | CQ93FMG1H332J | MYLAR | 3300PF | J |
| C65 ,66 | | | CE04KW1H4R7M | ELECTRO | 4.7UF | 50WV |
| C67 ,68 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C69 ,70 | | | CC73GCH1H181J | CHIP C | 180PF | J |
| C71 -78 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C81 -84 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C85 ,86 | | | CE04KW1H4R7M | ELECTRO | 4.7UF | 50WV |
| C87 -90 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C91 ,92 | | | CE04KW1H010M | ELECTRO | 1.0UF | 50WV |
| C93 ,94 | | | CE04KW1H2R2M | ELECTRO | 2.2UF | 50WV |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas △ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/MR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

23

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|---|--|-----------------------------|
| C95 -100 C101,102 C103,104 C105-107 C108 | | | CC73GCH1H101J CE04KW1H4R7M CC73GCH1H101J CC73GCH1H102J CE04KW1H220M | CHIP C ELECTRO CHIP C CHIP C ELECTRO | 100PF 4.7UF 100PF 1000PF 22UF | J 50WV J J 50WV |
| C111,112 C113,114 C115,116 C117-120 C121,122 | | | CC73GCH1H101J CC73GCH1H561J CC73GCH1H101J CK73FB1C104K CC73GCH1H101J | CHIP C CHIP C CHIP C CHIP C CHIP C | 100PF 560PF 100PF 0.10UF 100PF | J J J K J |
| C123,124 C125,126 C127,128 C129,130 C131,132 | | | CE04KW1H4R7M CC45FSL1H820J CE04KW1H220M CC45FSL1H330J CC73GCH1H101J | ELECTRO CERAMIC ELECTRO CERAMIC CHIP C | 4.7UF 82PF 22UF 33PF 100PF | 50WV J 50WV J J |
| C133 C135 C137 C138 C139,140 | | | CE04KW1H100M CC73GCH1H101J CC45FSL1H020C CC45FSL1H030C CC73GCH1H101J | ELECTRO CHIP C CERAMIC CERAMIC CHIP C | 10UF 100PF 2.0PF 3.0PF 100PF | 50WV J C C J |
| C141,142 C143,144 C145,146 C147-150 C151,152 | | | CE04KW1H4R7M CC73GCH1H101J CC73GCH1H561J CK73FB1C104K CE04KW1H4R7M | ELECTRO CHIP C CHIP C CHIP C ELECTRO | 4.7UF 100PF 560PF 0.10UF 4.7UF | 50WV J J K 50WV |
| C153,154 C155,156 C157,158 C159-163 C165 | | | CC45FSL1H470J CE04KW1H220M CC45FSL1H330J CC73GCH1H101J CC45FSL1H020C | CERAMIC ELECTRO CERAMIC CHIP C CERAMIC | 47PF 22UF 33PF 100PF 2.0PF | J 50WV J J C |
| C166 C167 C169,170 C181,182 C183,184 | | | CC45FSL1H030C CE04KW1H100M CC73GCH1H101J CE04KW1H4R7M CC73GCH1H101J | CERAMIC ELECTRO CHIP C ELECTRO CHIP C | 3.0PF 10UF 100PF 4.7UF 100PF | C 50WV J 50WV J |
| C191,192 C193,194 C195,196 C197 C198 | | | CE04KW1H4R7M CC45FSL1H470J CE04KW1H220M CC45FSL1H330J CC45FSL1H101J | ELECTRO CERAMIC ELECTRO CERAMIC CERAMIC | 4.7UF 47PF 22UF 33PF 100PF | 50WV J 50WV J J |
| C199-204 C205,206 C207 C209,210 C211,212 | | | CC73GCH1H101J CC45FSL1H020C CE04KW1H100M CC73GCH1H101J CE04KW1H4R7M | CHIP C CERAMIC ELECTRO CHIP C ELECTRO | 100PF 2.0PF 10UF 100PF 4.7UF | J C 50WV J 50WV |
| C213-216 C221,222 C223,224 C225,226 C227,228 | | | CC73GCH1H101J CE04KW1H4R7M CC45FSL1H470J CE04KW1H220M CC45FSL1H330J | CHIP C ELECTRO CERAMIC ELECTRO CERAMIC | 100PF 4.7UF 47PF 22UF 33PF | J 50WV J 50WV J |
| C229-233 C234 C235 C236 C301-310 | | | CC73GCH1H101J CE04KW1H100M CC45FSL1H020C CC45FSL1H030C CC73GCH1H221J | CHIP C ELECTRO CERAMIC CERAMIC CHIP C | 100PF 10UF 2.0PF 3.0PF 220PF | J 50WV C C J |

L : Scandinavia Y : PX(Far East,Hawaii) Y : AAFES(Europe)
K : USA T : England X : Australia
P : Canada E : Europe Q : Russia
R : Mexico G : Germany H : Korea
C : China V : China(Shanghai) M : Other Areas
I : Malaysia
Δ indicates safety critical components.

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

24

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|---|--|---|-----------------------------------|
| C311,312 C313-318 C351-356 C357-376 C377,378 | | | CC73GCH1H221J CC73GCH1H221J CE04KW1H2R2M CC73GCH1H101J CK73GB1H103K | CHIP C CHIP C ELECTRO CHIP C CHIP C | 220PF 220PF 2.2UF 100PF 0.010UF | J J 50WV J K |
| C381,382 C383,384 C401,402 C403-410 C411,412 | | | CE04KW1H220M CE04KW1H100M CE04KW1H2R2M CC73GCH1H101J CE04KW1H220M | ELECTRO ELECTRO ELECTRO CHIP C ELECTRO | 22UF 10UF 2.2UF 100PF 22UF | 50WV 50WV 50WV J 50WV |
| C413-415 C421 C422,423 C425 C427 | | | CE04KW1H4R7M CE04KW1H100M CC73GCH1H101J CE04KW1H220M CC73GCH1H101J | ELECTRO ELECTRO CHIP C ELECTRO CHIP C | 4.7UF 10UF 100PF 22UF 100PF | 50WV 50WV J 50WV J |
| C431-440 C441,442 C443,444 C451,452 C453,454 | | | CC73GCH1H101J CE04KW1H220M CC73GCH1H101J CE04KW1H2R2M CC73GCH1H101J | CHIP C ELECTRO CHIP C ELECTRO CHIP C | 100PF 22UF 100PF 2.2UF 100PF | J 50WV J 50WV J |
| C455,456 C457-462 C463,464 C465,466 C467 | | | CE04KW1H220M CC73GCH1H101J CE04KW1H4R7M CC73GCH1H101J CE04KW1H100M | ELECTRO CHIP C ELECTRO CHIP C ELECTRO | 22UF 100PF 4.7UF 100PF 10UF | 50WV J 50WV J 50WV |
| C469,470 C471,472 C473,474 C475,476 C477,478 | | | CC73GCH1H101J CE04KW1H010M CC73GCH1H561J CE04KW1H010M CC73GCH1H270J | CHIP C ELECTRO CHIP C ELECTRO CHIP C | 100PF 1.0UF 560PF 1.0UF 27PF | J 50WV J 50WV J |
| C479,480 C481,482 C483,484 C485,486 C487,488 | | | CK73GB1H562K CK73FB1H183K CE04KW1H100M CK73FB1H153K CK73FB1H683K | CHIP C CHIP C ELECTRO CHIP C CHIP C | 5600PF 0.018UF 10UF 0.015UF 0.068UF | K K 50WV K K |
| C489,490 C491-495 C501-506 C509,510 C513-518 | | | CC73GCH1H821J CC73GCH1H101J CC73GCH1H101J CC73GCH1H101J CC73GCH1H101J | CHIP C CHIP C CHIP C CHIP C CHIP C | 820PF 100PF 100PF 100PF 100PF | J J J J J |
| C549,550 C551-554 C555,556 C557,558 C559,560 | | | CC73GCH1H101J CE04KW1H4R7M CC45FSL1H101J CE04KW1H220M CC45FSL1H330J | CHIP C ELECTRO CERAMIC ELECTRO CERAMIC | 100PF 4.7UF 100PF 22UF 33PF | J 50WV J 50WV J |
| C561,562 C563 C564 C565,566 C567 | | | CC73GCH1H101J CC45FSL1H020C CC45FSL1H030C CK73GB1H103K CC73GCH1H101J | CHIP C CERAMIC CERAMIC CHIP C CHIP C | 100PF 2.0PF 3.0PF 0.010UF 100PF | J C C K J |
| C568 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| CN1 CN2 CN3 | | | E40-8319-05 E40-8250-05 E40-8354-05 | FLAT CABLE CONNECTOR FLAT CABLE CONNECTOR FLAT CABLE CONNECTOR | | |

L : Scandinavia Y : PX(Far East,Hawaii) Y : AAFES(Europe)
K : USA T : England X : Australia
P : Canada E : Europe Q : Russia
R : Mexico G : Germany H : Korea
C : China V : China(Shanghai) M : Other Areas
I : Malaysia
Δ indicates safety critical components.

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts


Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

25

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|---|--|---|
| CN11 CN12,13 J1 ,2 J1 ,2 J1 ,2 | | * | E40-8318-05 E40-9835-05 E63-1112-05 E63-1112-05 E63-1112-05 | FLAT CABLE CONNECTOR SOCKET FOR PIN ASSY PIN JACK PIN JACK PIN JACK | E2V KP1E1 Y1M1X1 | |
| J1 ,2 J11 J11 J11 J11 | | | E63-1113-05 E63-1111-05 E63-1164-05 E63-1164-05 E63-1164-05 | PIN JACK PIN JACK PIN JACK PIN JACK PIN JACK | K1P2 K1P2 E2V KP1E1 Y1M1X1 | |
| J12 J13 J13 J13 J13 | | | E63-1111-05 E63-1114-05 E63-1114-05 E63-1114-05 E63-1115-05 | PIN JACK PIN JACK PIN JACK PIN JACK PIN JACK | K1P2 E2V KP1E1 Y1M1X1 K1P2 | |
| J14 J14 J14 | | | E63-1163-05 E63-1163-05 E63-1163-05 | PIN JACK PIN JACK PIN JACK | E2V KP1E1 Y1M1X1 | |
| R1 ,2 R3 ,4 R5 ,10 R11 ,12 R13 ,14 | | | RK73GB1J102J RK73GB1J222J RK73GB1J102J RK73GB1J222J RK73GB1J102J | CHIP R CHIP R CHIP R CHIP R CHIP R | 1.0K 2.2K 1.0K 2.2K 1.0K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R15 ,28 R45 ,48 R51 ,52 R53 ,54 R55 ,56 | | | RK73GB1J474J RK73GB1J102J RK73GB1J224J RK73GB1J222J RK73GB1J303J | CHIP R CHIP R CHIP R CHIP R CHIP R | 470K 1.0K 220K 2.2K 30K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R57 ,58 R59 ,60 R61 ,62 R63 ,64 R65 ,66 | | | RK73GB1J361J RK73GB1J101J RK73GB1J274J RK73GB1J223J RK73GB1J473J | CHIP R CHIP R CHIP R CHIP R CHIP R | 360 100 270K 22K 47K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R67 ,68 R72 R75 ,76 R77 ,78 R80 | | | RK73GB1J102J RK73GB1J103J RK73GB1J102J RK73GB1J100J RK73GB1J681J | CHIP R CHIP R CHIP R CHIP R CHIP R | 1.0K 10K 1.0K 10 680 | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R81 ,82 R83 ,84 R85 ,86 R87 ,88 R89 ,90 | | | RK73GB1J472J RK73GB1J102J RK73GB1J101J RK73GB1J224J RK73GB1J471J | CHIP R CHIP R CHIP R CHIP R CHIP R | 4.7K 1.0K 100 220K 470 | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R91 ,92 R93 ,94 R95 ,96 R97 ,98 R99 ,100 | | | RK73GB1J474J RK73GB1J471J RK73GB1J224J RK73GB1J101J RK73GB1J470J | CHIP R CHIP R CHIP R CHIP R CHIP R | 470K 470 220K 100 47 | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R111,112 R113,114 R115,116 R117,118 R119,120 | | | RK73GB1J104J RK73GB1J224J RK73GB1J822J RK73GB1J470J RK73GB1J105J | CHIP R CHIP R CHIP R CHIP R CHIP R | 100K 220K 8.2K 47 1.0M | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R121,122 | | | RK73GB1J124J | CHIP R | 120K | J 1/16W |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia

Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)

Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas  indicates safety critical components .

* New Parts


Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

26

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|--|-------------------------------------|---|
| R123,124 R125,126 R127,128 R129 R130 | | | RK73GB1J302J RK73GB1J133J RK73GB1J100J RK73GB1J102J RK73GB1J103J | CHIP R CHIP R CHIP R CHIP R CHIP R | 3.0K 13K 10 1.0K 10K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R131,132 R133,134 R141,142 R143,144 R145,146 | | | RK73GB1J2R2J RK73GB1J102J RK73GB1J104J RK73GB1J224J RK73GB1J822J | CHIP R CHIP R CHIP R CHIP R CHIP R | 2.2 1.0K 100K 220K 8.2K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R147,148 R149,150 R151,152 R153,154 R155,156 | | | RK73GB1J470J RK73GB1J102J RK73GB1J124J RK73GB1J103J RK73GB1J332J | CHIP R CHIP R CHIP R CHIP R CHIP R | 47 1.0K 120K 10K 3.3K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R157,158 R159,160 R161,162 R163,164 R165 | | | RK73GB1J163J RK73GB1J133J RK73GB1J470J RK73GB1J100J RK73GB1J102J | CHIP R CHIP R CHIP R CHIP R CHIP R | 16K 13K 47 10 1.0K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R166 R167,168 R169 R171,172 R173,174 | | | RK73GB1J472J RK73GB1J105J RK73GB1J472J RK73GB1J100J RK73GB1J2R2J | CHIP R CHIP R CHIP R CHIP R CHIP R | 4.7K 1.0M 4.7K 10 2.2 | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R181,182 R183,184 R187,188 R189,190 R191,192 | | | RK73GB1J104J RK73GB1J102J RK73GB1J470J RK73GB1J105J RK73GB1J124J | CHIP R CHIP R CHIP R CHIP R CHIP R | 100K 1.0K 47 1.0M 120K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R193,194 R195 R196 R197 R198 | | | RK73GB1J103J RK73GB1J332J RK73GB1J472J RK73GB1J163J RK73GB1J153J | CHIP R CHIP R CHIP R CHIP R CHIP R | 10K 3.3K 4.7K 16K 15K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R199 R200 R201,202 R203 R204 | | | RK73GB1J133J RK73GB1J333J RK73GB1J100J RK73GB1J470J RK73GB1J102J | CHIP R CHIP R CHIP R CHIP R CHIP R | 13K 33K 10 47 1.0K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R205,206 R211,212 R213,214 R217,218 R219,220 | | | RK73GB1J2R2J RK73GB1J104J RK73GB1J102J RK73GB1J470J RK73GB1J105J | CHIP R CHIP R CHIP R CHIP R CHIP R | 2.2 100K 1.0K 47 1.0M | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R221,222 R223,224 R225,226 R227,228 R229,230 | | | RK73GB1J124J RK73GB1J103J RK73GB1J332J RK73GB1J163J RK73GB1J133J | CHIP R CHIP R CHIP R CHIP R CHIP R | 120K 10K 3.3K 16K 13K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |
| R231,232 R233,234 R235 R237,238 R301,302 | | | RK73GB1J470J RK73GB1J100J RK73GB1J102J RK73GB1J2R2J RK73GB1J222J | CHIP R CHIP R CHIP R CHIP R CHIP R | 47 10 1.0K 2.2 2.2K | J 1/16W J 1/16W J 1/16W J 1/16W J 1/16W |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia

Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)

Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas  indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

27

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|---|--------------|----------|
| R303,304 R305,306 R307-310 R311,312 R313-318 | | | RK73GB1J102J RK73GB1J222J RK73GB1J102J RK73GB1J102J RK73GB1J102J | CHIP R 1.0K J 1/16W CHIP R 2.2K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W | K1P2 | |
| R319-328 R319,330 R331-336 R351-356 R357-362 | | | RK73GB1J474J RK73GB1J474J RK73GB1J474J RK73GB1J471J RK73GB1J224J | CHIP R 470K J 1/16W CHIP R 470K J 1/16W CHIP R 470K J 1/16W CHIP R 470 J 1/16W CHIP R 220K J 1/16W | K1P2 | |
| R363-366 R367 R368 R369-372 R373 | | | RK73GB1J101J RK73GB1J472J RK73GB1J101J RK73GB1J470J RK73GB1J222J | CHIP R 100 J 1/16W CHIP R 4.7K J 1/16W CHIP R 100 J 1/16W CHIP R 47 J 1/16W CHIP R 2.2K J 1/16W | | |
| R381,382 R383,384 R385-390 R391,392 R401,402 | | | RK73GB1J470J RK73GB1J224J RK73GB1J472J RK73GB1J622J RK73GB1J224J | CHIP R 47 J 1/16W CHIP R 220K J 1/16W CHIP R 4.7K J 1/16W CHIP R 6.2K J 1/16W CHIP R 220K J 1/16W | | |
| R403,404 R421 R422 R423,424 R425 | | | RK73GB1J101J RK73GB1J224J RK73GB1J101J RK73GB1J472J RK73GB1J470J | CHIP R 100 J 1/16W CHIP R 220K J 1/16W CHIP R 100 J 1/16W CHIP R 4.7K J 1/16W CHIP R 47 J 1/16W | | |
| R427,428 R429,430 R431,432 R433,434 R435-442 | | | RK73GB1J104J RK73GB1J100J RK73GB1J152J RK73GB1J272J RK73GB1J472J | CHIP R 100K J 1/16W CHIP R 10 J 1/16W CHIP R 1.5K J 1/16W CHIP R 2.7K J 1/16W CHIP R 4.7K J 1/16W | | |
| R443,444 R451 R452 R453 R454 | | | RK73GB1J104J RK73GB1J332J RK73GB1J103J RK73GB1J152J RK73GB1J103J | CHIP R 100K J 1/16W CHIP R 3.3K J 1/16W CHIP R 10K J 1/16W CHIP R 1.5K J 1/16W CHIP R 10K J 1/16W | | |
| R455,456 R457,458 R459,460 R461,462 R463,464 | | | RK73GB1J102J RK73GB1J224J RK73GB1J472J RK73GB1J224J RK73GB1J472J | CHIP R 1.0K J 1/16W CHIP R 220K J 1/16W CHIP R 4.7K J 1/16W CHIP R 220K J 1/16W CHIP R 4.7K J 1/16W | | |
| R465,466 R467-469 R471,472 R473,474 R475,476 | | | RK73GB1J470J RK73GB1J104J RK73GB1J822J RK73GB1J202J RK73GB1J124J | CHIP R 47 J 1/16W CHIP R 100K J 1/16W CHIP R 8.2K J 1/16W CHIP R 2.0K J 1/16W CHIP R 120K J 1/16W | | |
| R477,478 R479,480 R481,482 R483-486 R487,488 | | | RK73GB1J433J RK73GB1J184J RK73GB1J394J RK73GB1J392J RK73GB1J821J | CHIP R 43K J 1/16W CHIP R 180K J 1/16W CHIP R 390K J 1/16W CHIP R 3.9K J 1/16W CHIP R 820 J 1/16W | | |
| R489,490 R491,492 R493,494 R495,496 R497 | | | RK73GB1J163J RK73GB1J684J RK73GB1J223J RK73GB1J102J RK73GB1J103J | CHIP R 16K J 1/16W CHIP R 680K J 1/16W CHIP R 22K J 1/16W CHIP R 1.0K J 1/16W CHIP R 10K J 1/16W | | |

L : Scandinavia Y : PX(Far East,Hawaii) Y : AAFES(Europe)
K : USA T : England X : Australia
P : Canada E : Europe Q : Russia
R : Mexico G : Germany H : Korea
C : China V : China(Shanghai) M : Other Areas
I : Malaysia
Δ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

28

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|---|--------------|----------|
| R498,499 R500,501 R502 R503 R504 | | | RK73GB1J472J RK73GB1J102J RK73GB1J103J RK73GB1J102J RK73GB1J103J | CHIP R 4.7K J 1/16W CHIP R 1.0K J 1/16W CHIP R 10K J 1/16W CHIP R 1.0K J 1/16W CHIP R 10K J 1/16W | | |
| R505,506 R507-520 R549-552 R553,554 R555,556 | | | RK73GB1J472J RK73GB1J102J RK73GB1J104J RK73GB1J103J RK73GB1J332J | CHIP R 4.7K J 1/16W CHIP R 1.0K J 1/16W CHIP R 100K J 1/16W CHIP R 10K J 1/16W CHIP R 3.3K J 1/16W | | |
| R557,558 R559,560 R561,562 R563 R564 | | | RK73GB1J163J RK73GB1J133J RK73GB1J470J RK73GB1J103J RK73GB1J102J | CHIP R 16K J 1/16W CHIP R 13K J 1/16W CHIP R 47 J 1/16W CHIP R 10K J 1/16W CHIP R 1.0K J 1/16W | | |
| R565,566 R567,568 W201-204 W205,206 W207-215 | | | RK73GB1J2R2J RK73GB1J100J R92-1963-05 R92-0679-05 R92-1963-05 | CHIP R 2.2 J 1/16W CHIP R 10 J 1/16W JUMPER WIRE (RESISTOR TYPE) CHIP R 0 OHM JUMPER WIRE (RESISTOR TYPE) | | |
| W501-539 | | | R92-1963-05 | JUMPER WIRE (RESISTOR TYPE) | | |
| D3 ,4 D5 -8 D5 -8 IC1 IC2 | | | MA111 DA204U 1SS302 NJM4580ED NJU7312AM | DIODE DIODE DIODE ANALOGUE IC MOS-IC | | |
| IC3 IC4 ,5 IC6 IC7 IC8 | | * | NJU7313AM NJM4565M TC9459N NJM4565M TC9459N | ANALOGUE IC ANALOGUE IC MOS-IC ANALOGUE IC MOS-IC | | |
| IC9 IC10 IC11 IC12 IC13 | | * | NJM4565MD TC9459N NJM4565MD TC9459N NJM4565MD | IC(OP AMP X2) MOS-IC IC(OP AMP X2) MOS-IC IC(OP AMP X2) | | |
| IC21 IC22 IC23 IC24 IC25-28 | | | NJU7312AM NJU7313AM NJU7311AM NJU7313AM NJM4565MD | MOS-IC ANALOGUE IC MOS-IC ANALOGUE IC IC(OP AMP X2) | | |
| IC29-33 IC34 IC35 IC36 Q1 -8 | | * | NJM4565M TC9184AP TC9459N NJM4565M 2SC2878(B) | ANALOGUE IC MOS-IC MOS-IC ANALOGUE IC TRANSISTOR | | |
| Q11 ,12 Q13 Q14 Q14 | | | 2SC2878(B) 2SA1576A(R,S) 2SA1586(Y,GR) DTC124EUA UN5212 | TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR | | |
| Q15 -18 | | | 2SC2878(B) | TRANSISTOR | | |

L : Scandinavia Y : PX(Far East,Hawaii) Y : AAFES(Europe)
K : USA T : England X : Australia
P : Canada E : Europe Q : Russia
R : Mexico G : Germany H : Korea
C : China V : China(Shanghai) M : Other Areas
I : Malaysia
Δ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

29

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|---|---|---|-----------------------------------|
| SUB-CIRCUIT UNIT (X13-784/785X-XX) | | | | | | |
| C4 C5 C6 C7 C8 | | | C90-1826-05 CE04KW1A101M CK73GF1E104Z CK73GB1H103K CE04KW1H010M | BACKUP-C ELECTRO CHIP C CHIP C ELECTRO | 0.047F 100UF 0.10UF 0.010UF 1.0UF | 5.5WV 10WV Z K 50WV |
| C9 ,10 C11 C12 C13 ,14 C20 | | | CK73GB1H103K CE04KW1E470M CE04KW1A101M CK73GF1E104Z CK73GF1E104Z | CHIP C ELECTRO ELECTRO CHIP C CHIP C | 0.010UF 47UF 100UF 0.10UF 0.10UF | K 25WV 10WV Z Z |
| C21 ,22 C23 ,24 C41 C42 C45 -50 | | | CC73GCH1H101J CK73GB1H103K CE04KW1E102M CE04KW1H100M CE04KW1H100M | CHIP C CHIP C ELECTRO ELECTRO ELECTRO | 100PF 0.010UF 1000UF 10UF 10UF | J K 25WV 50WV 50WV |
| C51 C52 C98 ,99 C101,102 C110 | | | CE04KW1E221M CE04KW1E101M CE04KW1H100M CC73GCH1H560J CK73GB1H472K | ELECTRO ELECTRO ELECTRO CHIP C CHIP C | 220UF 100UF 10UF 56PF 4700PF | 25WV 25WV 50WV J K |
| C201 C202 C229 C231 C232 | | | CE04KW1H010M CK73GB1H472K CC73GCH1H102J CE04KW1H100M CC73GCH1H331J | ELECTRO CHIP C CHIP C ELECTRO CHIP C | 1.0UF 4700PF 1000PF 10UF 330PF | 50WV K J 50WV J |
| C233 C234,235 C236 C237 C300 | | | CC73GCH1H561J CC73GCH1H220J CE04KW1H100M CK73GB1H472K CK45FF1H103Z | CHIP C CHIP C ELECTRO CHIP C CERAMIC | 560PF 22PF 10UF 4700PF 0.010UF | J J 50WV K Z |
| C301,302 C307 C308 C309 C310 | | | CE04KW1V102M CC73GCH1H102J CC73GCH1H101J CE04KW1H100M CE04KW1E221M | ELECTRO CHIP C CHIP C ELECTRO ELECTRO | 1000UF 1000PF 100PF 10UF 220UF | 35WV J J 50WV 25WV |
| C311,312 C320 C321 C322 C323 | | | CE04KW1E470M CK45FF1H103Z CE04KW1C472M CE04KW1E101M CE04KW1A101M | ELECTRO CERAMIC ELECTRO ELECTRO ELECTRO | 47UF 0.010UF 4700UF 100UF 100UF | 25WV Z 16WV 25WV 10WV |
| C328,329 C330 C331 C333,334 C410 | | | CE04KW1E470M CK45FF1H103Z CE04KW1V102M CE04KW1E470M CE04KW1A101M | ELECTRO CERAMIC ELECTRO ELECTRO ELECTRO | 47UF 0.010UF 1000UF 47UF 100UF | 25WV Z 35WV 25WV 10WV |
| C501-505 C506 C507,508 C509,510 C511-514 | | | CC73GCH1H101J CC73GCH1H101J CC73GCH1H101J CE04KW1A471M CE04KW1A101M | CHIP C CHIP C CHIP C ELECTRO ELECTRO | 100PF 100PF 100PF 470UF 100UF | J J J 10WV 10WV |
| C515 C517 C518 | | | CE04KW1A101M CK73GB1H103K CE04KW1A101M | ELECTRO CHIP C ELECTRO | 100UF 0.010UF 100UF | 10WV K 10WV |

L : Scandinavia

K : USA

P : Canada

R : Mexico

C : China

I : Malaysia

Y : PX(Far East,Hawaii)

T : England

E : Europe

G : Germany

V : China(Shanghai)

Y : AAFES(Europe)

X : Australia

Q : Russia

H : Korea

M : Other Areas

⚠ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

30

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|---|---|---|--------------------------------------|
| C519 C521 C522 C523 C524 | | | CE04KW1H010M CE04KW1E470M CE04KW1A471M CE04KW1A101M CE04KW1A101M | ELECTRO ELECTRO ELECTRO ELECTRO ELECTRO | 1.0UF 47UF 470UF 100UF 100UF | 50WV 25WV 10WV 10WV 10WV |
| C525-527 C535,536 C539 C541 C544 | | | CE04KW1A101M CK73GB1H103K CE04KW1A471M CK73GB1H103K CE04KW1H100M | ELECTRO CHIP C ELECTRO CHIP C ELECTRO | 100UF 0.010UF 470UF 0.010UF 10UF | 10WV K 10WV K 50WV |
| C601-610 C611,612 C613-616 C617-619 C620 | | | CC73GCH1H101J CC73GCH1H101J CC73GCH1H101J CK73GF1E104Z CK73GF1E104Z | CHIP C CHIP C CHIP C CHIP C CHIP C | 100PF 100PF 100PF 0.10UF 0.10UF | J J J Z Z |
| C621 C622 C623 C624 C625 | | | CK73GF1E104Z CE04KW1A471M CK73GF1E104Z CE04KW1A101M CK73GF1E104Z | CHIP C ELECTRO CHIP C ELECTRO CHIP C | 0.10UF 470UF 0.10UF 100UF 0.10UF | Z 10WV Z 10WV Z |
| C626 C627 C628 C629 C630 | | | CE04KW1A471M CK73GF1E104Z CE04KW1A101M CK73GF1E104Z CE04KW1A101M | ELECTRO CHIP C ELECTRO CHIP C ELECTRO | 470UF 0.10UF 100UF 0.10UF 100UF | 10WV Z 10WV Z 10WV |
| C631 C632 C633 C634 C635 | | | CK73GF1E104Z CE04KW1A101M CK73GF1E104Z CE04KW1A101M CK73GF1E104Z | CHIP C ELECTRO CHIP C ELECTRO CHIP C | 0.10UF 100UF 0.10UF 100UF 0.10UF | Z 10WV Z 10WV Z |
| C636 C637 C638,639 C640 C641 | | | CE04KW1A471M CK73GF1E104Z CK73GF1A105Z CE04KW1A101M CE04KW1A101M | ELECTRO CHIP C CHIP C ELECTRO ELECTRO | 470UF 0.10UF 1.0UF 100UF 100UF | 10WV Z Z 10WV 10WV |
| C642 C643 C644 C645 C646 | | | CE04KW1H010M CK73GB1H103K CK73GF1E104Z CE04KW1H100M CK73GF1H223Z | ELECTRO CHIP C CHIP C ELECTRO CHIP C | 1.0UF 0.010UF 0.10UF 10UF 0.022UF | 50WV K Z 50WV Z |
| C647 C648 C649,650 C651,652 C653 | | | CK73GB1H103K CK73GF1E104Z CE04KW1E470M CE04KW1A221M CE04KW1H100M | CHIP C CHIP C ELECTRO ELECTRO ELECTRO | 0.010UF 0.10UF 47UF 220UF 10UF | K Z 25WV 10WV 50WV |
| C654 C655 C656 C657 C658 | | | CK73GB1H182K CC73GCH1H102J CE04KW1H220M CE04KW1A221M CK73GF1A105Z | CHIP C CHIP C ELECTRO ELECTRO CHIP C | 1800PF 1000PF 22UF 220UF 1.0UF | K J 50WV 10WV Z |
| C659 C670 C671 C672 C701-709 | | | CK73GB1H103K CK73GF1E104Z CE04KW1H100M CE04KW1E470M CC73GCH1H470J | CHIP C CHIP C ELECTRO ELECTRO CHIP C | 0.010UF 0.10UF 10UF 47UF 47PF | K Z 50WV 25WV J |

L : Scandinavia

K : USA

P : Canada

R : Mexico

C : China

I : Malaysia

Y : PX(Far East,Hawaii)

T : England

E : Europe

G : Germany

V : China(Shanghai)

Y : AAFES(Europe)

X : Australia

Q : Russia

H : Korea

M : Other Areas

⚠ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/MR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

31

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|---------------|----------------------|--------------|----------|
| C701-709 | | | CC73GCH1H470J | CHIP C 47PF | J | KP1E1 |
| C701-709 | | | CC73GCH1H470J | CHIP C 47PF | J | Y1M1X1 |
| C710-715 | | | CE04KW1A101M | ELECTRO 100UF | 10WV | E2V |
| C710-715 | | | CE04KW1A101M | ELECTRO 100UF | 10WV | KP1E1 |
| C710-715 | | | CE04KW1A101M | ELECTRO 100UF | 10WV | Y1M1X1 |
| C716-718 | | | CE04KW1A471M | ELECTRO 470UF | 10WV | E2V |
| C716-718 | | | CE04KW1A471M | ELECTRO 470UF | 10WV | KP1E1 |
| C716-718 | | | CE04KW1A471M | ELECTRO 470UF | 10WV | Y1M1X1 |
| C719-721 | | | CC73GCH1H102J | CHIP C 1000PF | J | E2V |
| C719-721 | | | CC73GCH1H102J | CHIP C 1000PF | J | KP1E1 |
| C719-721 | | | CC73GCH1H102J | CHIP C 1000PF | J | Y1M1X1 |
| C851 | | | CE04KW1E470M | ELECTRO 47UF | 25WV | E2V |
| C851 | | | CE04KW1E470M | ELECTRO 47UF | 25WV | KP1E1 |
| C851 | | | CE04KW1E470M | ELECTRO 47UF | 25WV | Y1M1X1 |
| C852 | | | CE04KW1H100M | ELECTRO 10UF | 50WV | E2V |
| C852 | | | CE04KW1H100M | ELECTRO 10UF | 50WV | Y1M1X1 |
| C853,854 | | | CF92FV1H105J | MF-C 1.0UF | J | E2V |
| C853,854 | | | CF92FV1H105J | MF-C 1.0UF | J | KP1E1 |
| C853,854 | | | CF92FV1H105J | MF-C 1.0UF | J | Y1M1X1 |
| C859 | | | CK73GF1E104Z | CHIP C 0.10UF | Z | E2V |
| C859 | | | CK73GF1E104Z | CHIP C 0.10UF | Z | KP1E1 |
| C859 | | | CK73GF1E104Z | CHIP C 0.10UF | Z | Y1M1X1 |
| C901-903 | | | CE04KW1H010M | ELECTRO 1.0UF | 50WV | KP1K1 |
| C901-903 | | | CE04KW1H010M | ELECTRO 1.0UF | 50WV | P2 |
| C904 | | | CE04KW1A221M | ELECTRO 220UF | 10WV | KP1K1 |
| C904 | | | CE04KW1A221M | ELECTRO 220UF | 10WV | P2 |
| C905 | | | CE04KW1H010M | ELECTRO 1.0UF | 50WV | KP1K1 |
| C905 | | | CE04KW1H010M | ELECTRO 1.0UF | 50WV | P2 |
| C906-909 | | | CC73GCH1H101J | CHIP C 100PF | J | KP1K1 |
| C906-909 | | | CC73GCH1H101J | CHIP C 100PF | J | P2 |
| CN1 | | | E40-3257-05 | PIN ASSY | | |
| CN2 | | | E40-3256-05 | PIN ASSY | | |
| CN3 | | | E40-4297-05 | FLAT CABLE CONNECTOR | | |
| CN4 | | | E40-9849-05 | PIN ASSY | | |
| CN5,6 | | | E40-9853-05 | PIN ASSY | | |
| CN7 | | | E40-9840-05 | PIN ASSY | | |
| CN8 | | | E40-9840-05 | PIN ASSY | | E2V |
| CN8 | | | E40-9840-05 | PIN ASSY | | KP1E1 |
| CN8 | | | E40-9840-05 | PIN ASSY | | Y1M1X1 |
| CN9 | | * | E40-9852-05 | PIN ASSY | | |
| CN10 | | | E40-9853-05 | PIN ASSY | | |
| CN11,12 | | * | E40-9852-05 | PIN ASSY | | |
| CN13 | | | E40-8258-05 | FLAT CABLE CONNECTOR | | |
| CN14 | | | E40-8255-05 | FLAT CABLE CONNECTOR | | |
| CN15 | | | E40-9849-05 | PIN ASSY | | K1P2 |
| CN16 | | | E40-4296-05 | FLAT CABLE CONNECTOR | | KP1K1 |
| CN16 | | | E40-4296-05 | FLAT CABLE CONNECTOR | | P2 |
| CN501 | | | E40-9836-05 | SOCKET FOR PIN ASSY | | |
| CN601 | | * | E40-9835-05 | SOCKET FOR PIN ASSY | | |
| CN701 | | | E40-9823-05 | SOCKET FOR PIN ASSY | | E2V |
| CN701 | | | E40-9823-05 | SOCKET FOR PIN ASSY | | KP1E1 |
| J501 | | | E63-1021-05 | PIN JACK | | Y1M1X1 |

L : Scandinavia
Y : PX(Far East,Hawaii)
Y : AAFES(Europe)

K : USA
T : England
X : Australia

P : Canada
E : Europe
Q : Russia

R : Mexico
G : Germany
H : Korea

C : China
V : China(Shanghai)
M : Other Areas

I : Malaysia

Δ indicates safety critical components.

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

32

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|-----------------------------|--------------|----------|
| J501 | | | E63-1021-05 | PIN JACK | | KP1E1 |
| J501 | | | E63-1021-05 | PIN JACK | | Y1M1X1 |
| J501 | | | E63-1125-05 | PIN JACK | | K1P2 |
| J502 | | | E63-1125-05 | PIN JACK | | K1P2 |
| J503 | | | E63-1020-05 | PIN JACK | | E2V |
| J503 | | | E63-1020-05 | PIN JACK | | KP1E1 |
| J503 | | | E63-1020-05 | PIN JACK | | Y1M1X1 |
| J503 | | | E63-1123-05 | PIN JACK | | K1P2 |
| J504 | | | E63-1020-05 | PIN JACK | | E2V |
| J504 | | | E63-1020-05 | PIN JACK | | KP1E1 |
| J504 | | | E63-1020-05 | PIN JACK | | Y1M1X1 |
| J601 | | | E56-0029-05 | CYLINDRICAL RECEPTACLE | | E2 |
| J601 | | | E56-0029-05 | CYLINDRICAL RECEPTACLE | | KP1E1 |
| J601 | | | E56-0029-05 | CYLINDRICAL RECEPTACLE | | Y1M1X1 |
| J601 | | | E56-0030-05 | CYLINDRICAL RECEPTACLE | | K1P2 |
| J602 | | | E56-0027-05 | CYLINDRICAL RECEPTACLE | | E2V |
| J603 | | | E56-0027-05 | CYLINDRICAL RECEPTACLE | | KP1E1 |
| J603 | | | E56-0027-05 | CYLINDRICAL RECEPTACLE | | Y1M1X1 |
| J603 | | | E56-0028-05 | CYLINDRICAL RECEPTACLE | | K1P2 |
| J604 | | | E56-0027-05 | CYLINDRICAL RECEPTACLE | | E2V |
| J604 | | | E56-0027-05 | CYLINDRICAL RECEPTACLE | | KP1E1 |
| J604 | | | E56-0027-05 | CYLINDRICAL RECEPTACLE | | Y1M1X1 |
| J701-703 | | * | E63-1175-05 | PIN JACK | | E2V |
| J701-703 | | * | E63-1175-05 | PIN JACK | | KP1E1 |
| J701-703 | | * | E63-1175-05 | PIN JACK | | Y1M1X1 |
| J901 | | * | E58-0033-05 | RECTANGULAR RECEPTACLE | | KP1K1 |
| J901 | | * | E58-0033-05 | RECTANGULAR RECEPTACLE | | P2 |
| Δ F5 -7 | | | F06-1022-05 | FUSE (SEMKO) (250V T1AL) | | E1Y1M1 |
| Δ F5 -7 | | | F06-1022-05 | FUSE (SEMKO) (250V T1AL) | | X1E2 |
| Δ F5 -7 | | | F50-0067-05 | FUSE(5X20) | | KP1K1 |
| Δ F5 -7 | | | F50-0067-05 | FUSE(5X20) | | P2 |
| Δ F5 -7 | | | F50-0108-05 | FUSE(5X20) | | V |
| Δ F8 | | | F05-3121-05 | FUSE (SEMKO) (250V T3.15AL) | | E1Y1M1 |
| Δ F8 | | | F05-3121-05 | FUSE (SEMKO) (250V T3.15AL) | | X1E2 |
| Δ F8 | | | F50-0072-05 | FUSE(5X20) | | KP1K1 |
| Δ F8 | | | F50-0072-05 | FUSE(5X20) | | P2 |
| Δ F8 | | | F50-0111-05 | FUSE(5X20) | | V |
| CN22-29 | | | J13-0075-05 | FUSE CLIP | | |
| L1 -9 | | | L92-0140-05 | CHIP FERRITE | | |
| L10 | | | L92-0140-05 | CHIP FERRITE | | Y1M1V |
| L11 -13 | | | L92-0140-05 | CHIP FERRITE | | |
| L601 | | | L76-0018-05 | DELAY LINE | | K1P2 |
| X1 | | | L78-0615-05 | RESONATOR (12.5MHZ) | | |
| X2 | | | L78-0674-05 | RESONATOR (3.64MHZ) | | |
| X3 | | | L77-2002-05 | CRYSTAL RESONATOR(4.332MHZ) | | E1E2 |
| Δ R1 | | | RD14NB2E100J | RD 10 J 1/4W | | |
| Δ R2 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| Δ R3 | | | RD14NB2E2R2J | RD 2.2 J 1/4W | | |
| R4 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R5 | | | RK73GB1J221J | CHIP R 220 J 1/16W | | |
| R6 | | | RK73GB1J104J | CHIP R 100K J 1/16W | | |
| R7 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |

L : Scandinavia
Y : PX(Far East,Hawaii)
Y : AAFES(Europe)

K : USA
T : England
X : Australia

P : Canada
E : Europe
Q : Russia

R : Mexico
G : Germany
H : Korea

C : China
V : China(Shanghai)
M : Other Areas

I : Malaysia

Δ indicates safety critical components.

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

33

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|---------------------|--------------|----------|
| R8 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R9 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R10 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R11 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R12 | | | RK73GB1J105J | CHIP R 1.0M J 1/16W | | |
| R13 ,14 | | | RK73GB1J331J | CHIP R 330 J 1/16W | | |
| R15 -18 | | | RK73GB1J104J | CHIP R 100K J 1/16W | | |
| R19 | | | RK73GB1J105J | CHIP R 1.0M J 1/16W | | |
| R21 ,22 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |
| R23 ,24 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R35 | | | RK73GB1J473J | CHIP R 47K J 1/16W | | |
| R41 ,42 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R51 ,52 | | | RK73GB1J473J | CHIP R 47K J 1/16W | | |
| R53 ,54 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R56 ,57 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R64 | | | RK73GB1J473J | CHIP R 47K J 1/16W | | |
| R69 | | | RK73GB1J473J | CHIP R 47K J 1/16W | | |
| R70 ,71 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |
| R72 ,73 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R74 ,75 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R76 ,77 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | KP1K1 | |
| R76 ,77 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | P2 | |
| R78 ,79 | | | RK73GB1J104J | CHIP R 100K J 1/16W | | |
| R80 -87 | | | RK73GB1J473J | CHIP R 47K J 1/16W | | |
| R88 | | | RK73GB1J2R2J | CHIP R 2.2 J 1/16W | | |
| R89 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R90 | | | RK73GB1J104J | CHIP R 100K J 1/16W | | |
| R91 -96 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R97 | | | RK73GB1J2R2J | CHIP R 2.2 J 1/16W | | |
| R98 | | | RD14NB2E471J | RD 470 J 1/4W | KP1K1 | |
| R98 | | | RD14NB2E471J | RD 470 J 1/4W | P2 | |
| R99 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R100 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | KP1K1 | |
| R100 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | P2 | |
| R101 | | | RK73GB1J103J | CHIP R 10K J 1/16W | K1P2Y1 | |
| R101 | | | RK73GB1J103J | CHIP R 10K J 1/16W | M1X1V | |
| R101 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | E1E2 | |
| R102 | | | RK73GB1J103J | CHIP R 10K J 1/16W | KP1 | |
| R102 | | | RK73GB1J182J | CHIP R 1.8K J 1/16W | K1P2 | |
| R102 | | | RK73GB1J822J | CHIP R 8.2K J 1/16W | E1E2 | |
| R103 | | | RK73GB1J103J | CHIP R 10K J 1/16W | V | |
| R103 | | | RK73GB1J103J | CHIP R 10K J 1/16W | Y1M1X1 | |
| R103 | | | RK73GB1J222J | CHIP R 2.2K J 1/16W | E1E2 | |
| R103 | | | RK73GB1J622J | CHIP R 6.2K J 1/16W | KP1K1 | |
| R103 | | | RK73GB1J622J | CHIP R 6.2K J 1/16W | P2 | |
| R104 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | KP1K1 | |
| R104 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | P2 | |
| R104 | | | RK73GB1J822J | CHIP R 8.2K J 1/16W | E1E2 | |
| R105 | | | RK73GB1J473J | CHIP R 47K J 1/16W | Y1M1V | |
| R107 | | | RK73GB1J272J | CHIP R 2.7K J 1/16W | | |
| R108 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R109 | | | RD14NB2E101J | RD 100 J 1/4W | | |
| R110 | | | RD14NB2E560J | RD 56 J 1/4W | | |
| R111,112 | | | RD14NB2E4R7J | RD 4.7 J 1/4W | | |
| R113 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas ⚠ indicates safety critical components .

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

34

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|----------------------|--------------|----------|
| R114 | | | RK73GB1J272J | CHIP R 2.7K J 1/16W | | |
| R115 | | | RD14NB2E122J | RD 1.2K J 1/4W | | |
| R116 | | | RK73GB1J683J | CHIP R 68K J 1/16W | | |
| R117 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R118 | | | RK73GB1J683J | CHIP R 68K J 1/16W | | |
| R119 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |
| R120 | | | RK73GB1J683J | CHIP R 68K J 1/16W | | |
| R121 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |
| R122 | | | RK73GB1J683J | CHIP R 68K J 1/16W | | |
| R123 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |
| R124 | | | RK73GB1J683J | CHIP R 68K J 1/16W | | |
| R125 | | | RK73GB1J272J | CHIP R 2.7K J 1/16W | | |
| R126 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R127 | | | RD14NB2E100J | RD 10 J 1/4W | | |
| R128 | | | RS14KB3D4R7J | FL-PROOF RS 4.7 J 2W | | |
| R130-132 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R133 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |
| R134 | | | RK73GB1J473J | CHIP R 47K J 1/16W | | |
| R135,136 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R137,138 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |
| R139 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R140,141 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |
| R142 | | | RK73GB1J101J | CHIP R 100 J 1/16W | E1Y1E2 | |
| R150-161 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R170 | | | RK73GB1J103J | CHIP R 10K J 1/16W | E1E2 | |
| R171-173 | | | RK73GB1J101J | CHIP R 100 J 1/16W | KP1K1 | |
| R171-173 | | | RK73GB1J101J | CHIP R 100 J 1/16W | P2E1E2 | |
| R174,175 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R176-178 | | | RK73GB1J101J | CHIP R 100 J 1/16W | E1E2Y1 | |
| R179,180 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R181-192 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | | |
| R197 | | | RD14NB2E560J | RD 56 J 1/4W | | |
| R198 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R199 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R200 | | | RK73GB1J221J | CHIP R 220 J 1/16W | | |
| R201 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R202,203 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R204-208 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R209 | | | RK73GB1J105J | CHIP R 1.0M J 1/16W | | |
| R212,213 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | KP1K1 | |
| R212,213 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | P2 | |
| R214,215 | | | RK73GB1J104J | CHIP R 100K J 1/16W | | |
| R216 | | | RK73GB1J105J | CHIP R 1.0M J 1/16W | | |
| R223,224 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R229 | | | RK73GB1J101J | CHIP R 100 J 1/16W | | |
| R230 | | | RK73GB1J220J | CHIP R 22 J 1/16W | E1E2 | |
| R231,232 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | E1E2 | |
| R233 | | | RK73GB1J103J | CHIP R 10K J 1/16W | E1E2 | |
| R234 | | | RK73GB1J221J | CHIP R 220 J 1/16W | E1E2 | |
| R235,236 | | | RK73GB1J105J | CHIP R 1.0M J 1/16W | E1E2 | |
| R251-256 | | | RK73GB1J472J | CHIP R 4.7K J 1/16W | | |
| R257 | | | RK73GB1J332J | CHIP R 3.3K J 1/16W | | |
| R258,259 | | | RK73GB1J272J | CHIP R 2.7K J 1/16W | | |
| R264-266 | | | RK73GB1J103J | CHIP R 10K J 1/16W | | |
| R301-303 | | | RK73GB1J391J | CHIP R 390 J 1/16W | | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas ⚠ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/MR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

35

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|--|--------------|----------|
| R304-306 R307,308 R309 R310 R311 | | | RK73GB1J101J RK73GB1J222J RK73GB1J474J RK73GB1J163J RK73GB1J153J | CHIP R 100 J 1/16W CHIP R 2.2K J 1/16W CHIP R 470K J 1/16W CHIP R 16K J 1/16W CHIP R 15K J 1/16W | | |
| R312 R313-315 R316 R317 R318 | | | RK73GB1J470J RK73GB1J2R2J RK73GB1J103J RK73GB1J472J RK73GB1J104J | CHIP R 47 J 1/16W CHIP R 2.2 J 1/16W CHIP R 10K J 1/16W CHIP R 4.7K J 1/16W CHIP R 100K J 1/16W | | |
| R321,322 R324 R325 R326,327 R329 | | | RK73GB1J471J RK73GB1J471J RK73GB1J102J RK73GB1J2R2J RK73GB1J102J | CHIP R 470 J 1/16W CHIP R 470 J 1/16W CHIP R 1.0K J 1/16W CHIP R 2.2 J 1/16W CHIP R 1.0K J 1/16W | | |
| R330 R331 R332 R333 R334 | | | RK73GB1J471J RD14NB2E332J RK73GB1J221J RD14NB2E2R2J RK73GB1J101J | CHIP R 470 J 1/16W RD 3.3K J 1/4W CHIP R 220 J 1/16W RD 2.2 J 1/4W CHIP R 100 J 1/16W | | |
| △ R341-346 R350-361 R370-372 R400 R401,402 | | | RD14NB2E1R0J RK73GB1J473J RK73GB1J4R7J RK73GB1J473J RK73GB1J101J | RD 1 J 1/4W CHIP R 47K J 1/16W CHIP R 4.7 J 1/16W CHIP R 47K J 1/16W CHIP R 100 J 1/16W | | |
| R403 R410,411 R501 R502 R503 | | | RK73GB1J102J RD14NB2E4R7J RK73GB1J104J RK73FB2A750J RK73GB1J104J | CHIP R 1.0K J 1/16W RD 4.7 J 1/4W CHIP R 100K J 1/16W CHIP R 75 J 1/10W CHIP R 100K J 1/16W | | |
| R504,505 R506 R507 R508 R509 | | | RK73FB2A750J RK73FB2A750J RK73FB2A750J RK73GB1J104J RK73FB2A680J | CHIP R 75 J 1/10W CHIP R 75 J 1/10W CHIP R 75 J 1/10W CHIP R 100K J 1/16W CHIP R 68 J 1/10W | K1P2 | |
| R510 R511 R512 R513 R514,515 | | | RK73GB1J104J RK73FB2A680J RK73GB1J104J RK73FB2A680J RK73GB1J103J | CHIP R 100K J 1/16W CHIP R 68 J 1/10W CHIP R 100K J 1/16W CHIP R 68 J 1/10W CHIP R 10K J 1/16W | | |
| R516 R529,530 R531-533 R536 R539 | | | RD14NB2E4R7J RK73GB1J473J RK73GB1J1R0J RK73FB2A680J RK73GB1J103J | RD 4.7 J 1/4W CHIP R 47K J 1/16W CHIP R 1 J 1/16W CHIP R 68 J 1/10W CHIP R 10K J 1/16W | | |
| R540 R541 R542 R543 R551-553 | | | RK73GB1J473J RK73GB1J104J RK73GB1J102J RK73GB1J473J RK73GB1J101J | CHIP R 47K J 1/16W CHIP R 100K J 1/16W CHIP R 1.0K J 1/16W CHIP R 47K J 1/16W CHIP R 100 J 1/16W | | |
| R554 R555,556 R557 R558-560 R563 | | | RK73GB1J101J RK73GB1J101J RK73GB1J101J RK73GB1J101J RK73GB1J104J | CHIP R 100 J 1/16W CHIP R 100 J 1/16W CHIP R 100 J 1/16W CHIP R 100 J 1/16W CHIP R 100K J 1/16W | K1P2 K1P2 | |

L : Scandinavia
Y : PX(Far East,Hawaii)
Y : AAFES(Europe)

K : USA
T : England
X : Australia

P : Canada
E : Europe
Q : Russia

R : Mexico
G : Germany
H : Korea

C : China
V : China(Shanghai)
M : Other Areas

I : Malaysia

△ indicates safety critical components.

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

36

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|---|---|----------|
| R601,602 R603 R604,605 R606,607 R608 | | | RK73GB1J104J RK73FB2A750J RK73GB1J104J RK73FB2A750J RK73FB2A750J | CHIP R 100K J 1/16W CHIP R 75 J 1/10W CHIP R 100K J 1/16W CHIP R 75 J 1/10W CHIP R 75 J 1/10W | K1P2 | |
| R609 R610,611 R612-614 R615 R616 | | | RK73FB2A750J RK73GB1J104J RK73FB2A750J RK73FB2A750J RK73FB2A750J | CHIP R 75 J 1/10W CHIP R 100K J 1/16W CHIP R 75 J 1/10W CHIP R 75 J 1/10W CHIP R 75 J 1/10W | K1P2 | |
| R617 R618,619 R620,621 R622,623 R624 | | | RK73GB1J104J RK73FB2A680J RK73GB1J104J RK73FB2A680J RK73GB1J104J | CHIP R 100K J 1/16W CHIP R 68 J 1/10W CHIP R 100K J 1/16W CHIP R 68 J 1/10W CHIP R 100K J 1/16W | | |
| R625,626 R627-630 R631,632 R633,634 R635 | | | RK73FB2A680J RK73GB1J103J RK73GB1J473J RK73GB1J1R0J RK73GB1J1R0J | CHIP R 68 J 1/10W CHIP R 10K J 1/16W CHIP R 47K J 1/16W CHIP R 1 J 1/16W CHIP R 1 J 1/16W | KP1E1 K1P2 | |
| R636 R637 R638 R639,640 R641,642 | | | RK73GB1J103J RK73GB1J273J RK73GB1J332J RK73GB1J102J RK73GB1J1R0J | CHIP R 10K J 1/16W CHIP R 27K J 1/16W CHIP R 3.3K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1 J 1/16W | K1P2 K1P2 K1P2 | |
| R643,644 R645 R647 R648 R649,650 | | | RK73GB1J151J RK73GB1J473J RK73GB1J103J RK73GB1J223J RK73GB1J103J | CHIP R 150 J 1/16W CHIP R 47K J 1/16W CHIP R 10K J 1/16W CHIP R 22K J 1/16W CHIP R 10K J 1/16W | K1P2 K1P2 K1P2 K1P2 | |
| R651 R652 R653 R654 R655 | | | RK73GB1J562J RK73GB1J104J RK73GB1J101J RK73GB1J474J RK73GB1J103J | CHIP R 5.6K J 1/16W CHIP R 100K J 1/16W CHIP R 100 J 1/16W CHIP R 470K J 1/16W CHIP R 10K J 1/16W | K1P2 K1P2 K1P2 K1P2 K1P2 | |
| R659-662 R663 R665 R666 R667 | | | RK73GB1J911J RK73GB1J183J RK73GB1J103J RK73GB1J273J RK73GB1J332J | CHIP R 910 J 1/16W CHIP R 18K J 1/16W CHIP R 10K J 1/16W CHIP R 27K J 1/16W CHIP R 3.3K J 1/16W | K1P2 K1P2 K1P2 K1P2 K1P2 | |
| R668 R669,670 R674 R687 R701-706 | | | RK73GB1J104J RK73GB1J471J RK73GB1J1R0J RK73GB1J1R0J RK73FB2A750J | CHIP R 100K J 1/16W CHIP R 470 J 1/16W CHIP R 1 J 1/16W CHIP R 1 J 1/16W CHIP R 75 J 1/10W | K1P2 K1P2 E2V | |
| R701-706 R701-706 R707-709 R707-709 R707-709 | | | RK73FB2A750J RK73FB2A750J RK73GB1J104J RK73GB1J104J RK73GB1J104J | CHIP R 75 J 1/10W CHIP R 75 J 1/10W CHIP R 100K J 1/16W CHIP R 100K J 1/16W CHIP R 100K J 1/16W | KP1E1 Y1M1X1 E2V KP1E1 Y1M1X1 | |
| R710-712 R710-712 R710-712 R713-715 R713-715 | | | RK73FB2A390J RK73FB2A390J RK73FB2A390J RK73GB1J1R0J RK73GB1J1R0J | CHIP R 39 J 1/10W CHIP R 39 J 1/10W CHIP R 39 J 1/10W CHIP R 1 J 1/16W CHIP R 1 J 1/16W | E2V KP1E1 Y1M1X1 E2V KP1E1 | |

L : Scandinavia
Y : PX(Far East,Hawaii)
Y : AAFES(Europe)

K : USA
T : England
X : Australia

P : Canada
E : Europe
Q : Russia

R : Mexico
G : Germany
H : Korea

C : China
V : China(Shanghai)
M : Other Areas

I : Malaysia

△ indicates safety critical components.

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

37

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|---|---|----------|
| R713-715 R768-770 R768-770 R768-770 R780 | | | RK73GB1J1R0J RK73GB1J102J RK73GB1J102J RK73GB1J102J RK73GB1J473J | CHIP R 1 J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W CHIP R 47K J 1/16W | Y1M1X1 E2V KP1E1 Y1M1X1 E2 | |
| R780 R780 R784-786 R784-786 R784-786 | | | RK73GB1J473J RK73GB1J473J RK73GB1J104J RK73GB1J104J RK73GB1J104J | CHIP R 47K J 1/16W CHIP R 47K J 1/16W CHIP R 100K J 1/16W CHIP R 100K J 1/16W CHIP R 100K J 1/16W | KP1E1 Y1M1X1 E2V KP1E1 Y1M1X1 | |
| R805-810 R805-810 R805-810 R830 R840 | | | RK73GB1J101J RK73GB1J101J RK73GB1J101J RK73GB1J1R0J RK73GB1J1R0J | CHIP R 100 J 1/16W CHIP R 100 J 1/16W CHIP R 100 J 1/16W CHIP R 1 J 1/16W CHIP R 1 J 1/16W | E2V KP1E1 Y1M1X1 E2V E2V | |
| R840 R840 R851 R851 R851 | ⚠ | | RK73GB1J1R0J RK73GB1J1R0J RK73GB1J1R0J RK73GB1J1R0J RK73GB1J1R0J | CHIP R 1 J 1/16W CHIP R 1 J 1/16W CHIP R 1 J 1/16W CHIP R 1 J 1/16W CHIP R 1 J 1/16W | KP1E1 Y1M1X1 E2V KP1E1 Y1M1X1 | |
| R901-908 R901-908 R909 R909 W501,502 | | | RK73GB1J101J RK73GB1J101J RK73GB1J220J RK73GB1J220J R92-1963-05 | CHIP R 100 J 1/16W CHIP R 100 J 1/16W CHIP R 22 J 1/16W CHIP R 22 J 1/16W JUMPER WIRE (RESISTOR TYPE) | KP1K1 P2 KP1K1 P2 | |
| D1 D2 D3 D4 -6 D7 | | | U1BC44 MA111 U1BC44 MA111 DAN202U | DIODE DIODE DIODE DIODE DIODE | | |
| D7 D8 D8 D9 D9 | | | 1SS301 DAP202U 1SS300 DAN202U 1SS301 | DIODE DIODE DIODE DIODE DIODE | | |
| D10 D10 D11 -23 D27 -29 D30 | | | DAP202U 1SS300 MA111 U1BC44 UDZS5.6B | DIODE DIODE DIODE DIODE ZENER DIODE | | |
| D30 D35 D35 D36 ,37 D38 | | | UDZ5.6B DAN202U 1SS301 MA111 DAN202U | ZENER DIODE DIODE DIODE DIODE DIODE | | |
| D38 D41 ,42 D41 ,42 D43 -45 D51 | ⚠ | | 1SS301 DAP202U 1SS300 MA111 S1ZB20(4072) | DIODE DIODE DIODE DIODE DIODE | | |
| D52 D52 D53 D53 D61 | ⚠ | * | UDZS8.2B UDZ8.2B UDZS7.5B UDZ7.5B D4SBL20UF03 | ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE DIODE | | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas ⚠ indicates safety critical components .

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

38

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---|----------|-----------|--|--|---|----------|
| D62 D62 D63 D71 D72 | ⚠ | | UDZS6.2B UDZ6.2B MA111 KBP02ML-6127 UDZ16B | ZENER DIODE ZENER DIODE DIODE DIODE ZENER DIODE | | |
| D80 ,81 D80 ,81 D501 D501 D502 | | | DA204U 1SS302 DAN202U 1SS301 DAP202U | DIODE DIODE DIODE DIODE DIODE | | |
| D502 D503,504 D601 D601 D602 | | | 1SS300 MA111 DAN202U 1SS301 DAP202U | DIODE DIODE DIODE DIODE DIODE | | |
| D602 D603,604 D605 D605 IC1 | | | 1SS300 MA111 DA204U 1SS302 TA78057S | DIODE DIODE DIODE DIODE ANALOGUE IC | K1P2 K1P2 | |
| IC2 IC2 IC3 IC4 IC5 | | * | S-80740AL-A4 S-80840ALUP UPD784217A516 TC74HCT7007AF TC74HC164AF | IC(VOLTAGE DETECTOR) MOS-IC MI-COM IC MOS-IC IC(SHIFT REGISTER) | | |
| IC6 IC7 IC501 IC502 IC503 | | * | UPD17215GT-737 LC72723M MM1140XFF BA7611AF BA7623F | MI-COM IC MOS-IC ANALOGUE IC ANALOGUE IC ANALOGUE IC | E1E2 | |
| IC504 IC507 IC601,602 IC603 IC604 | | * | BA7649AF MM1508 MM1140XFF BA7611AF BA7612F | ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC | | |
| IC605,606 IC607 IC608 IC701 IC701 | ⚠ | | BA7623F NJM4565M UPC29M05HB BA7613F BA7613F | ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC | K1P2 E2V KP1E1 | |
| IC701 IC702,703 IC702,703 IC702,703 IC708 | ⚠ | | BA7613F BA7612F BA7612F BA7612F UPC29M05HB | ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC | Y1M1X1 E2V KP1E1 Y1M1X1 E2V | |
| IC708 IC708 IC901 IC901 Q1 | ⚠ | | UPC29M05HB UPC29M05HB MAX232NS MAX232NS 2SC4081(R,S) | ANALOGUE IC ANALOGUE IC MOS-IC MOS-IC TRANSISTOR | KP1E1 Y1M1X1 KP1K1 P2 | |
| Q1 Q2 Q2 Q3 Q3 | | | 2SC4116(Y,GR) DTC124EUA UN5212 DTA113ZUA UN5119 | TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR | Y1M1V Y1M1V | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas ⚠ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/MR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

39

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|---------------|--------------------|--------------|----------|
| Q4 | | | DTC143TUA | DIGITAL TRANSISTOR | | |
| Q4 | | | UN5216 | DIGITAL TRANSISTOR | | |
| Q5 | | | DTA113ZUA | DIGITAL TRANSISTOR | | |
| Q5 | | | UN5119 | DIGITAL TRANSISTOR | | |
| Q6 | | | DTC143TUA | DIGITAL TRANSISTOR | | |
| Q6 | | | UN5216 | DIGITAL TRANSISTOR | | |
| Q7 | | | DTA113ZUA | DIGITAL TRANSISTOR | | |
| Q7 | | | UN5119 | DIGITAL TRANSISTOR | | |
| Q8 | | | DTC143TUA | DIGITAL TRANSISTOR | | |
| Q8 | | | UN5216 | DIGITAL TRANSISTOR | | |
| Q9 | | | DTA113ZUA | DIGITAL TRANSISTOR | | |
| Q9 | | | UN5119 | DIGITAL TRANSISTOR | | |
| Q10 | | | DTC143TUA | DIGITAL TRANSISTOR | | |
| Q10 | | | UN5216 | DIGITAL TRANSISTOR | | |
| Q11 | | | DTA113ZUA | DIGITAL TRANSISTOR | | |
| Q11 | | | UN5119 | DIGITAL TRANSISTOR | | |
| Q12 | | | DTC143TUA | DIGITAL TRANSISTOR | | |
| Q12 | | | UN5216 | DIGITAL TRANSISTOR | | |
| Q13 | | | DTA113ZUA | DIGITAL TRANSISTOR | | |
| Q13 | | | UN5119 | DIGITAL TRANSISTOR | | |
| Q14 | | | DTC143TUA | DIGITAL TRANSISTOR | | |
| Q14 | | | UN5216 | DIGITAL TRANSISTOR | | |
| Q15 | | | DTA143TUA | DIGITAL TRANSISTOR | | |
| Q15 | | | UN5116 | DIGITAL TRANSISTOR | | |
| Q16 | | | DTC124EUA | DIGITAL TRANSISTOR | | |
| Q16 | | | UN5212 | DIGITAL TRANSISTOR | | |
| Q17 | | | 2SC3940A(R,S) | TRANSISTOR | | |
| Q18 | | | DTA143TUA | DIGITAL TRANSISTOR | | |
| Q18 | | | UN5116 | DIGITAL TRANSISTOR | | |
| Q19 | | | 2SC4213(B) | TRANSISTOR | | |
| Q31 ,32 | | | 2SK246(Y,GR) | FET | | |
| Q33 ,34 | | | 2SB1375 | TRANSISTOR | | |
| Q35 | | | 2SC4081(R,S) | TRANSISTOR | | |
| Q35 | | | 2SC4116(Y,GR) | TRANSISTOR | | |
| Q36 | | | 2SA1576A(R,S) | TRANSISTOR | | |
| Q36 | | | 2SA1586(Y,GR) | TRANSISTOR | | |
| Q37 | | | 2SC4081(R,S) | TRANSISTOR | | |
| Q37 | | | 2SC4116(Y,GR) | TRANSISTOR | | |
| Q38 | | | 2SA1576A(R,S) | TRANSISTOR | | |
| Q38 | | | 2SA1586(Y,GR) | TRANSISTOR | | |
| Q41 ,42 | | | 2SB1375 | TRANSISTOR | | |
| Q43 | | | 2SC4081(R,S) | TRANSISTOR | | |
| Q43 | | | 2SC4116(Y,GR) | TRANSISTOR | | |
| Q45 | | | 2SB1375 | TRANSISTOR | | |
| Q46 | | | 2SC4081(R,S) | TRANSISTOR | | |
| Q46 | | | 2SC4116(Y,GR) | TRANSISTOR | | |
| Q51 | | | 2SD2012 | TRANSISTOR | | |
| Q52 | | | 2SC4081(R,S) | TRANSISTOR | | |
| Q52 | | | 2SC4116(Y,GR) | TRANSISTOR | | |
| Q61 | | | DTC124EUA | DIGITAL TRANSISTOR | | |
| Q61 | | | UN5212 | DIGITAL TRANSISTOR | | |
| Q62 | | | DTA143TUA | DIGITAL TRANSISTOR | | |
| Q62 | | | UN5116 | DIGITAL TRANSISTOR | | |
| Q501,502 | | | 2SC4213(B) | TRANSISTOR | | |
| Q504,505 | | | DTA124EUA | DIGITAL TRANSISTOR | | |

L : Scandinavia

K : USA

P : Canada

R : Mexico

C : China

I : Malaysia

Y : PX(Far East,Hawaii)

T : England

E : Europe

G : Germany

V : China(Shanghai)

Y : AAFES(Europe)

X : Australia

Q : Russia

H : Korea

M : Other Areas

Δ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

40

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---------------------------------------|----------|-----------|---------------|--------------------|--------------|----------|
| Q504,505 | | | UN5112 | DIGITAL TRANSISTOR | | |
| Q506 | | | DTC124EUA | DIGITAL TRANSISTOR | | |
| Q506 | | | UN5212 | DIGITAL TRANSISTOR | | |
| Q508,509 | | | 2SC4213(B) | TRANSISTOR | | |
| Q601-604 | | | 2SC4213(B) | TRANSISTOR | | |
| Q605,606 | | | DTA124EUA | DIGITAL TRANSISTOR | | |
| Q605,606 | | | UN5112 | DIGITAL TRANSISTOR | | |
| Q607 | | | DTC124EUA | DIGITAL TRANSISTOR | | |
| Q607 | | | UN5212 | DIGITAL TRANSISTOR | | |
| Q608,609 | | | DTA124EUA | DIGITAL TRANSISTOR | K1P2 | |
| Q608,609 | | | UN5112 | DIGITAL TRANSISTOR | K1P2 | |
| Q610,611 | | | DTC124EUA | DIGITAL TRANSISTOR | K1P2 | |
| Q610,611 | | | UN5212 | DIGITAL TRANSISTOR | K1P2 | |
| Q613,614 | | | 2SC4213(B) | TRANSISTOR | | |
| Q715-717 | | | 2SC4213(B) | TRANSISTOR | E2V | |
| Q715-717 | | | 2SC4213(B) | TRANSISTOR | KP1E1 | |
| Q715-717 | | | 2SC4213(B) | TRANSISTOR | Y1M1X1 | |
| DISPLAY UNIT (X25-641/642X-XX) | | | | | | |
| D3 -10 | | | B30-2532-05 | LED(INFRARED) | | |
| D11 | | | B30-2548-05 | LED(GRN5,HI BRT) | KP1K1 | |
| D11 | | | B30-2548-05 | LED(GRN5,HI BRT) | M1X1E2 | |
| D11 | | | B30-2548-05 | LED(GRN5,HI BRT) | P2E1Y1 | |
| D11 | | | B30-2571-05 | LED(GRN5,HI BRT) | V | |
| D12 | | | B30-2430-05 | LED(RED) | | |
| D15 -18 | | | B30-2571-05 | LED(RED5,HI BRT) | V | |
| D15 -18 | | | B30-2573-05 | LED(RED5,HI BRT) | KP1K1 | |
| D15 -18 | | | B30-2573-05 | LED(RED5,HI BRT) | M1X1E2 | |
| D15 -18 | | | B30-2573-05 | LED(RED5,HI BRT) | P2E1Y1 | |
| D19 -23 | | | B30-2430-05 | LED(RED) | | |
| D24 ,25 | | | B30-2571-05 | LED(RED5,HI BRT) | V | |
| D24 ,25 | | | B30-2573-05 | LED(RED5,HI BRT) | KP1K1 | |
| D24 ,25 | | | B30-2573-05 | LED(RED5,HI BRT) | M1X1E2 | |
| D24 ,25 | | | B30-2573-05 | LED(RED5,HI BRT) | P2E1Y1 | |
| D26 | | | B30-2597-05 | LED(RED HI-BRIGHT) | | |
| D30 ,31 | | | B30-2430-05 | LED(RED) | | |
| C1 ,2 | | | CE04RW1C101M | ELECTRO | 100UF | 16WV |
| C3 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C4 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C5 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C6 | | | CK73GB1H103K | CHIP C | 0.010UF | K |
| C7 -22 | | | CC73GCH1H221J | CHIP C | 220PF | J |
| C23 | | | CE04KW1H100M | ELECTRO | 10UF | 50WV |
| C24 | | | CC73GCH1H471J | CHIP C | 470PF | J |
| C25 -27 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C28 | | | CE04KW1E470M | ELECTRO | 47UF | 25WV |
| C31 | | | CE04KW1H101M | ELECTRO | 100UF | 50WV |
| C33 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C40 | | | CQ93FMG1H102J | MYLAR | 1000PF | J |
| C41 -43 | | | CQ93FMG1H472J | MYLAR | 4700PF | J |
| C44 ,45 | | | CC73GCH1H221J | CHIP C | 220PF | J |
| C78 -80 | | | CE04KW1E470M | ELECTRO | 47UF | 25WV |
| C81 -85 | | | CE04KW1E470M | ELECTRO | 47UF | 25WV |
| C86 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C88 | | | CC73GCH1H270J | CHIP C | 27PF | J |

L : Scandinavia

K : USA

P : Canada

R : Mexico

C : China

I : Malaysia

Y : PX(Far East,Hawaii)

T : England

E : Europe

G : Germany

V : China(Shanghai)

Y : AAFES(Europe)

X : Australia

Q : Russia

H : Korea

M : Other Areas

Δ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

41

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|---------------|------------------------|--------------|----------|
| C91 -93 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C94 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C95 -97 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C105 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C165,166 | | | CK73FF1C105Z | CHIP C | 1.0UF | Z |
| C170 | | | CK73GB1H103K | CHIP C | 0.010UF | K |
| C301,302 | | | CE04KW1H220M | ELECTRO | 22UF | 50WV |
| C303,304 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C311,312 | | | CE04KW1H220M | ELECTRO | 22UF | 50WV |
| C313,314 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C321,322 | | | CE04KW1H220M | ELECTRO | 22UF | 50WV |
| C323,324 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C331,332 | | | CE04KW1H220M | ELECTRO | 22UF | 50WV |
| C333,334 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C341,342 | | | CE04KW1H220M | ELECTRO | 22UF | 50WV |
| C343,344 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C380 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C401,402 | | | CC73GCH1H221J | CHIP C | 220PF | J |
| C404,405 | | | CC73GCH1H221J | CHIP C | 220PF | J |
| C406 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C406 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C407 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C407 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C407 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C410 | | | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C410 | | | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C415 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C415 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C415 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C416 | | | CC73GCH1H331J | CHIP C | 330PF | J |
| C416 | | | CC73GCH1H331J | CHIP C | 330PF | J |
| C416 | | | CC73GCH1H331J | CHIP C | 330PF | J |
| C417 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C417 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C417 | | | CC73GCH1H102J | CHIP C | 1000PF | J |
| C419-421 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C419-421 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C419-421 | | | CC73GCH1H101J | CHIP C | 100PF | J |
| C430,431 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| C430,431 | | | CK73GF1E104Z | CHIP C | 0.10UF | Z |
| CN2 | | * | E40-8794-05 | PIN ASSY | | |
| CN4 | | * | E40-9823-05 | SOCKET FOR PIN ASSY | | |
| CN5 | | * | E40-8622-05 | PIN ASSY | | |
| CN5 | | * | E40-8622-05 | PIN ASSY | | |
| CN101 | | * | E40-8257-05 | FLAT CABLE CONNECTOR | | |
| CN102 | | | E40-8254-05 | FLAT CABLE CONNECTOR | | |
| CN103 | | | E40-8531-05 | FLAT CABLE CONNECTOR | | |
| CN103 | | | E40-8531-05 | FLAT CABLE CONNECTOR | | |
| J1 | | * | E70-0133-15 | SCREW TERMINAL BOARD | | |
| J5 | | * | E63-1121-05 | PIN JACK | | |
| J6 | | | E56-0026-05 | CYLINDRICAL RECEPTACLE | | |
| J7 | | | E11-0190-05 | PHONE JACK (3P) | | |
| J101 | | * | E63-1173-05 | PIN JACK | | |
| J101 | | * | E63-1173-05 | PIN JACK | | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia

Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)

Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

42

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|--------------|--------------------------------|--------------|----------|
| J101 | | * | E63-1173-05 | PIN JACK | | Y1M1X1 |
| J101 | | * | E63-1176-05 | PIN JACK | | K1P2 |
| J102 | | * | E63-1174-05 | PIN JACK | | E2V |
| J102 | | * | E63-1174-05 | PIN JACK | | KP1E1 |
| J102 | | * | E63-1174-05 | PIN JACK | | Y1M1X1 |
| J102 | | * | E63-1177-05 | PIN JACK | | K1P2 |
| J103 | | * | E63-1178-05 | PIN JACK | | E2V |
| J103 | | * | E63-1178-05 | PIN JACK | | KP1E1 |
| J103 | | * | E63-1178-05 | PIN JACK | | Y1M1X1 |
| J103 | | * | E63-1179-05 | PIN JACK | | K1P2 |
| J201 | | | E11-0907-05 | MINIATURE PHONE JACK(2.5MM 1P) | | |
| J202 | | | E11-0347-05 | MINIATURE PHONE JACK(2P) | | |
| J203,204 | | | E11-0905-05 | MINIATURE PHONE JACK(3.5MM 1P) | | E2 |
| J203,204 | | | E11-0905-05 | MINIATURE PHONE JACK(3.5MM 1P) | | KP1K1 |
| J203,204 | | | E11-0905-05 | MINIATURE PHONE JACK(3.5MM 1P) | | P2E1Y1 |
| J207,208 | | | E11-0905-05 | MINIATURE PHONE JACK(3.5MM 1P) | | E2 |
| J207,208 | | | E11-0905-05 | MINIATURE PHONE JACK(3.5MM 1P) | | KP1K1 |
| J207,208 | | | E11-0905-05 | MINIATURE PHONE JACK(3.5MM 1P) | | P2E1Y1 |
| J209 | | | E11-0291-05 | MINIATURE PHONE JACK(2P) | | E2 |
| J209 | | | E11-0291-05 | MINIATURE PHONE JACK(2P) | | KP1K1 |
| J209 | | | E11-0291-05 | MINIATURE PHONE JACK(2P) | | P2E1Y1 |
| E1 | | | J19-6056-04 | HOLDER | | |
| E3 ,4 | | | J11-0809-05 | WIRE CLAMPER | | |
| L401 | | | L40-1011-17 | SMALL FIXED INDUCTOR(100UH,K) | | E2 |
| L401 | | | L40-1011-17 | SMALL FIXED INDUCTOR(100UH,K) | | KP1K1 |
| L401 | | | L40-1011-17 | SMALL FIXED INDUCTOR(100UH,K) | | P2E1Y1 |
| L403,404 | | | L40-1011-17 | SMALL FIXED INDUCTOR(100UH,K) | | E2 |
| L403,404 | | | L40-1011-17 | SMALL FIXED INDUCTOR(100UH,K) | | KP1K1 |
| L403,404 | | | L40-1011-17 | SMALL FIXED INDUCTOR(100UH,K) | | P2E1Y1 |
| X1 | | | L78-0284-05 | RESONATOR (5MHZ) | | |
| Δ R1 | | | RD14NB2E4R7J | RD | 4.7 | J 1/4W |
| R4 ,5 | | | RS14KB3A3R9J | FL-PROOF RS | 3.9 | J 1W |
| R6 | | | RK73GB1J151J | CHIP R | 150 | J 1/16W |
| R6 | | | RK73GB1J151J | CHIP R | 150 | J 1/16W |
| R6 | | | RK73GB1J151J | CHIP R | 150 | J 1/16W |
| R6 | | | RK73GB1J221J | CHIP R | 220 | J 1/16W |
| R7 | | | RK73GB1J301J | CHIP R | 300 | J 1/16W |
| Δ R9 | | | RD14NB2E100J | RD | 10 | J 1/4W |
| R10 -12 | | | RK73GB1J473J | CHIP R | 47K | J 1/16W |
| R14 -16 | | | RK73GB1J473J | CHIP R | 47K | J 1/16W |
| R17 -67 | | | RK73GB1J474J | CHIP R | 470K | J 1/16W |
| R68 | | | RK73GB1J332J | CHIP R | 3.3K | J 1/16W |
| R69 ,70 | | | RK73GB1J473J | CHIP R | 47K | J 1/16W |
| R71 | | | RK73GB1J105J | CHIP R | 1.0M | J 1/16W |
| R72 -74 | | | RK73GB1J473J | CHIP R | 47K | J 1/16W |
| R75 | | | RK73GB1J333J | CHIP R | 33K | J 1/16W |
| Δ R79 | | | RS14KB3A390J | FL-PROOF RS | 39 | J 1W |
| R81 | | | RK73GB1J100J | CHIP R | 10 | J 1/16W |
| R82 -85 | | | RK73GB1J221J | CHIP R | 220 | J 1/16W |
| R82 -85 | | | RK73GB1J271J | CHIP R | 270 | J 1/16W |
| R82 -85 | | | RK73GB1J271J | CHIP R | 270 | J 1/16W |
| R82 -85 | | | RK73GB1J271J | CHIP R | 270 | J 1/16W |
| R86 -90 | | | RK73GB1J301J | CHIP R | 300 | J 1/16W |
| R91 ,92 | | | RK73GB1J221J | CHIP R | 220 | J 1/16W |
| R91 ,92 | | | RK73GB1J271J | CHIP R | 270 | J 1/16W |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia

Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)

Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

43

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|--|--|----------|
| R91 ,92 R91 ,92 R93 -106 R112-114 R115 | | | RK73GB1J271J RK73GB1J271J RK73GB1J103J RK73GB1J101J RK73GB1J473J | CHIP R 270 J 1/16W CHIP R 270 J 1/16W CHIP R 10K J 1/16W CHIP R 100 J 1/16W CHIP R 47K J 1/16W | M1X1E2 P2E1Y1 | |
| R118 R120 R121 R122 R123 | | | RD14NB2E101J RD14NB2E330J RK73GB1J102J RK73GB1J101J RK73GB1J103J | RD 100 J 1/4W RD 33 J 1/4W CHIP R 1.0K J 1/16W CHIP R 100 J 1/16W CHIP R 10K J 1/16W | | |
| R124 R126,127 R191-193 R194-198 R199 | | | RK73GB1J101J RK73GB1J2R2J RD14NB2E100J RD14NB2E100J RK73GB1J100J | CHIP R 100 J 1/16W CHIP R 2.2 J 1/16W RD 10 J 1/4W RD 10 J 1/4W CHIP R 10 J 1/16W | K1P2 | |
| R200 R201 R205 R211 ,212 R213,214 | | | RK73GB1J101J RK73GB1J102J RK73GB1J681J RK73GB1J223J RK73GB1J101J | CHIP R 100 J 1/16W CHIP R 1.0K J 1/16W CHIP R 680 J 1/16W CHIP R 22K J 1/16W CHIP R 100 J 1/16W | | |
| R215,216 R217 R218 R219-225 R232 | | | RK73GB1J750J RK73GB1J474J RK73GB1J750J RK73GB1J513J RK73GB1J101J | CHIP R 75 J 1/16W CHIP R 470K J 1/16W CHIP R 75 J 1/16W CHIP R 51K J 1/16W CHIP R 100 J 1/16W | | |
| R249 R298,299 R301,302 R305,306 R307,308 | | | RK73GB1J103J RK73GB1J301J RK73GB1J224J RK73GB1J221J RK73GB1J470J | CHIP R 10K J 1/16W CHIP R 300 J 1/16W CHIP R 220K J 1/16W CHIP R 220 J 1/16W CHIP R 47 J 1/16W | | |
| R311,312 R315,316 R317,318 R321,322 R325,326 | | | RK73GB1J224J RK73GB1J221J RK73GB1J470J RK73GB1J224J RK73GB1J221J | CHIP R 220K J 1/16W CHIP R 220 J 1/16W CHIP R 47 J 1/16W CHIP R 220K J 1/16W CHIP R 220 J 1/16W | | |
| R327,328 R331,332 R335,336 R337,338 R341,342 | | | RK73GB1J470J RK73GB1J224J RK73GB1J221J RK73GB1J470J RK73GB1J224J | CHIP R 47 J 1/16W CHIP R 220K J 1/16W CHIP R 220 J 1/16W CHIP R 47 J 1/16W CHIP R 220K J 1/16W | | |
| R345,346 R347,348 R351-370 R380 R401 | | | RK73GB1J221J RK73GB1J470J RK73GB1J222J RK73GB1J104J RD14NB2E471J | CHIP R 220 J 1/16W CHIP R 47 J 1/16W CHIP R 2.2K J 1/16W CHIP R 100K J 1/16W RD 470 J 1/4W | E2 | |
| R401 R401 R402 R402 R402 | | | RD14NB2E471J RD14NB2E471J RK73GB1J102J RK73GB1J102J RK73GB1J102J | RD 470 J 1/4W RD 470 J 1/4W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W | KP1K1 P2E1Y1 E2 KP1K1 P2E1Y1 | |
| R403 R403 R403 R404 R404 | | | RK73GB1J473J RK73GB1J473J RK73GB1J473J RK73GB1J102J RK73GB1J102J | CHIP R 47K J 1/16W CHIP R 47K J 1/16W CHIP R 47K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W | E2 KP1K1 P2E1Y1 E2 KP1K1 | |
| R404 | | | RK73GB1J102J | CHIP R 1.0K J 1/16W | P2E1Y1 | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

44

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|---|--|----------|
| R424 R424 R424 R425 R425 | | | RD14NB2E101J RD14NB2E101J RD14NB2E101J RK73GB1J102J RK73GB1J102J | RD 100 J 1/4W RD 100 J 1/4W RD 100 J 1/4W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W | E2 KP1K1 P2E1Y1 E2 KP1K1 | |
| R425 R426 R426 R426 R427 | | | RK73GB1J102J RK73GB1J103J RK73GB1J103J RK73GB1J103J RK73GB1J472J | CHIP R 1.0K J 1/16W CHIP R 10K J 1/16W CHIP R 10K J 1/16W CHIP R 10K J 1/16W CHIP R 4.7K J 1/16W | P2E1Y1 E2 KP1K1 P2E1Y1 E2 | |
| R427 R427 R428,429 R428,429 R428,429 | | | RK73GB1J472J RK73GB1J472J RK73GB1J102J RK73GB1J102J RK73GB1J102J | CHIP R 4.7K J 1/16W CHIP R 4.7K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W | KP1K1 P2E1Y1 E2 KP1K1 P2E1Y1 | |
| R430 R430 R430 R431,432 R431,432 | | | RK73GB1J223J RK73GB1J223J RK73GB1J223J RD14NB2E471J RD14NB2E471J | CHIP R 22K J 1/16W CHIP R 22K J 1/16W CHIP R 22K J 1/16W RD 470 J 1/4W RD 470 J 1/4W | E2 KP1K1 P2E1Y1 E2 KP1K1 | |
| R431,432 R433 R433 R433 R434 | | | RD14NB2E471J RK73GB1J101J RK73GB1J101J RK73GB1J101J RK73GB1J223J | RD 470 J 1/4W CHIP R 100 J 1/16W CHIP R 100 J 1/16W CHIP R 100 J 1/16W CHIP R 22K J 1/16W | P2E1Y1 E2 KP1K1 P2E1Y1 E2 | |
| R434 R434 R435 R435 R435 | | | RK73GB1J223J RK73GB1J223J RK73GB1J102J RK73GB1J102J RK73GB1J102J | CHIP R 22K J 1/16W CHIP R 22K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W | KP1K1 P2E1Y1 E2 KP1K1 P2E1Y1 | |
| R436 R436 R436 R437 R437 | | | RK73GB1J272J RK73GB1J272J RK73GB1J272J RK73GB1J222J RK73GB1J222J | CHIP R 2.7K J 1/16W CHIP R 2.7K J 1/16W CHIP R 2.7K J 1/16W CHIP R 2.2K J 1/16W CHIP R 2.2K J 1/16W | E2 KP1K1 P2E1Y1 E2 KP1K1 | |
| R437 R438 R438 R438 R439 | | | RK73GB1J222J RK73GB1J102J RK73GB1J102J RK73GB1J102J RD14NB2E471J | CHIP R 2.2K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W RD 470 J 1/4W | P2E1Y1 E2 KP1K1 P2E1Y1 E2 | |
| R439 R439 R440,441 R440,441 R440,441 | | | RD14NB2E471J RD14NB2E471J RK73GB1J473J RK73GB1J473J RK73GB1J473J | RD 470 J 1/4W RD 470 J 1/4W CHIP R 47K J 1/16W CHIP R 47K J 1/16W CHIP R 47K J 1/16W | KP1K1 P2E1Y1 E2 KP1K1 P2E1Y1 | |
| R444 R444 R444 R445 R445 | | | RK73GB1J472J RK73GB1J472J RK73GB1J472J RK73GB1J102J RK73GB1J102J | CHIP R 4.7K J 1/16W CHIP R 4.7K J 1/16W CHIP R 4.7K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W | E2 KP1K1 P2E1Y1 E2 KP1K1 | |
| R445 R449 R450 R450 R450 | | | RK73GB1J102J RK73GB1J180J RD14NB2E101J RD14NB2E101J RD14NB2E101J | CHIP R 1.0K J 1/16W CHIP R 18 J 1/16W RD 100 J 1/4W RD 100 J 1/4W RD 100 J 1/4W | P2E1Y1 E2 KP1K1 P2E1Y1 | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

45

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|-------------|--------------------------|--------------|----------|
| W202 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W203 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W204 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W206 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W207 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W208 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W209 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W210 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W213 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W216,217 | | | R92-0670-05 | CHIP R 0 OHM | | |
| W219 | | | R92-0679-05 | CHIP R 0 OHM | | |
| W220 | | | R92-0670-05 | CHIP R 0 OHM | | |
| S1 -17 | | | S70-0031-05 | TACT SWITCH | | |
| S20 | | | S68-0088-05 | PUSH SWITCH (POWER TYPE) | E1Y1M1 | |
| S20 | | | S68-0088-05 | PUSH SWITCH (POWER TYPE) | X1E2V | |
| S19 | | | T99-0602-05 | ROTARY ENCODER | | |
| D1 ,2 | | | MTZJ3.3(B) | ZENER DIODE | | |
| D1 ,2 | | | RD3.3ES(B2) | ZENER DIODE | | |
| D13 | | | MTZJ5.1(B) | ZENER DIODE | | |
| D13 | | | RD5.1ES(B2) | ZENER DIODE | | |
| D14 | | | MTZJ5.6(B) | ZENER DIODE | | |
| D14 | | | RD5.6ES(B2) | ZENER DIODE | | |
| D27 ,28 | | | DA204U | DIODE | | |
| D27 ,28 | | | 1SS302 | DIODE | | |
| D403 | | | DA204U | DIODE | | |
| D403 | | | DA204U | DIODE | E2 | |
| D403 | | | 1SS302 | DIODE | KP1K1 | |
| D403 | | | 1SS302 | DIODE | P2E1Y1 | |
| D403 | | | 1SS302 | DIODE | E2 | |
| D408 | | | DA204U | DIODE | KP1K1 | |
| D408 | | | DA204U | DIODE | P2E1Y1 | |
| D408 | | | 1SS302 | DIODE | E2 | |
| D408 | | | 1SS302 | DIODE | KP1K1 | |
| D408 | | | 1SS302 | DIODE | P2E1Y1 | |
| D410 | | | HSS104A | DIODE | E2 | |
| D410 | | | HSS104A | DIODE | KP1K1 | |
| D410 | | | HSS104A | DIODE | P2E1Y1 | |
| D410 | | | 1SS133 | DIODE | E2 | |
| D410 | | | 1SS133 | DIODE | KP1K1 | |
| D410 | | | 1SS133 | DIODE | P2E1Y1 | |
| D411 | | | DA204U | DIODE | E2 | |
| D411 | | | DA204U | DIODE | KP1K1 | |
| D411 | | | DA204U | DIODE | P2E1Y1 | |
| D411 | | | 1SS302 | DIODE | E2 | |
| D411 | | | 1SS302 | DIODE | KP1K1 | |
| D411 | | | 1SS302 | DIODE | P2E1Y1 | |
| D412,413 | | | HSS104A | DIODE | E2 | |
| D412,413 | | | HSS104A | DIODE | KP1K1 | |
| D412,413 | | | HSS104A | DIODE | P2E1Y1 | |
| D412,413 | | | 1SS133 | DIODE | E2 | |
| D412,413 | | | 1SS133 | DIODE | KP1K1 | |
| D412,413 | | | 1SS133 | DIODE | P2E1Y1 | |
| D414 | | | HSS104A | DIODE | E1Y1E2 | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas ⚠ indicates safety critical components .

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

46

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|----------|----------|-----------|---------------|----------------------------|--------------|----------|
| D414 | | | 1SS133 | DIODE | E1Y1E2 | |
| ED1 | | | 16-MT-62GK | FLUORESCENT INDICATOR TUBE | | |
| IC1 | | | UPD780204-038 | MI-COM IC | | |
| IC11 | | | TC74HC151AF | MOS-IC | | |
| IC401 | | | TC4W53FU | MOS-IC | E2 | |
| IC401 | | | TC4W53FU | MOS-IC | KP1K1 | |
| IC401 | | | TC4W53FU | MOS-IC | P2E1Y1 | |
| Q1 -3 | | | 2SC3940A(R,S) | TRANSISTOR | | |
| Q4 | | | DTC124EUA | DIGITAL TRANSISTOR | | |
| Q4 | | | UN5212 | DIGITAL TRANSISTOR | | |
| Q5 ,6 | | | DTA124EUA | DIGITAL TRANSISTOR | | |
| Q5 ,6 | | | UN5112 | DIGITAL TRANSISTOR | | |
| Q7 -16 | | | DTC124EUA | DIGITAL TRANSISTOR | | |
| Q7 -16 | | | UN5212 | DIGITAL TRANSISTO | | |
| Q20 | | | DTA124EUA | DIGITAL TRANSISTOR | | |
| Q20 | | | UN5112 | DIGITAL TRANSISTOR | | |
| Q21 | | | DTC124EUA | DIGITAL TRANSISTOR | | |
| Q21 | | | UN5212 | DIGITAL TRANSISTOR | | |
| Q301-320 | | | 2SC2878(B) | TRANSISTOR | | |
| Q401 | | | 2SC4081(R,S) | TRANSISTOR | E2 | |
| Q401 | | | 2SC4081(R,S) | TRANSISTOR | KP1K1 | |
| Q401 | | | 2SC4116(Y,GR) | TRANSISTOR | P2E1Y1 | |
| Q401 | | | 2SC4116(Y,GR) | TRANSISTOR | E2 | |
| Q401 | | | 2SC4116(Y,GR) | TRANSISTOR | KP1K1 | |
| Q401 | | | 2SC4116(Y,GR) | TRANSISTOR | P2E1Y1 | |
| Q402 | | | DTC124EUA | DIGITAL TRANSISTOR | E2 | |
| Q402 | | | DTC124EUA | DIGITAL TRANSISTOR | KP1K1 | |
| Q402 | | | DTC124EUA | DIGITAL TRANSISTOR | P2E1Y1 | |
| Q402 | | | UN5212 | DIGITAL TRANSISTOR | E2 | |
| Q402 | | | UN5212 | DIGITAL TRANSISTOR | KP1K1 | |
| Q402 | | | UN5212 | DIGITAL TRANSISTOR | P2E1Y1 | |
| Q412 | | | 2SA1576A(R,S) | TRANSISTOR | E2 | |
| Q412 | | | 2SA1576A(R,S) | TRANSISTOR | KP1K1 | |
| Q412 | | | 2SA1576A(R,S) | TRANSISTOR | P2E1Y1 | |
| Q412 | | | 2SA1586(Y,GR) | TRANSISTOR | E2 | |
| Q412 | | | 2SA1586(Y,GR) | TRANSISTOR | KP1K1 | |
| Q412 | | | 2SA1586(Y,GR) | TRANSISTOR | P2E1Y1 | |
| Q413 | | | DTC124EUA | DIGITAL TRANSISTOR | E2 | |
| Q413 | | | DTC124EUA | DIGITAL TRANSISTOR | KP1K1 | |
| Q413 | | | DTC124EUA | DIGITAL TRANSISTOR | P2E1Y1 | |
| Q413 | | | UN5212 | DIGITAL TRANSISTOR | E2 | |
| Q413 | | | UN5212 | DIGITAL TRANSISTOR | KP1K1 | |
| Q413 | | | UN5212 | DIGITAL TRANSISTOR | P2E1Y1 | |
| Q414 | | | 2SC4081(R,S) | TRANSISTOR | E2 | |
| Q414 | | | 2SC4081(R,S) | TRANSISTOR | KP1K1 | |
| Q414 | | | 2SC4081(R,S) | TRANSISTOR | P2E1Y1 | |
| Q414 | | | 2SC4116(Y,GR) | TRANSISTOR | E2 | |
| Q414 | | | 2SC4116(Y,GR) | TRANSISTOR | KP1K1 | |
| Q414 | | | 2SC4116(Y,GR) | TRANSISTOR | P2E1Y1 | |
| Q415 | | | 2SA1576A(R,S) | TRANSISTOR | E2 | |
| Q415 | | | 2SA1576A(R,S) | TRANSISTOR | KP1K1 | |
| Q415 | | | 2SA1576A(R,S) | TRANSISTOR | P2E1Y1 | |
| Q415 | | | 2SA1586(Y,GR) | TRANSISTOR | E2 | |
| Q415 | | | 2SA1586(Y,GR) | TRANSISTOR | KP1K1 | |
| Q415 | | | 2SA1586(Y,GR) | TRANSISTOR | P2E1Y1 | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas ⚠ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/MR-5080/5090

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

47

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|---|--|---|--------------------------------|
| Q416,417 Q416,417 Q416,417 Q416,417 Q416,417 | | | 2SC4081(R,S) 2SC4081(R,S) 2SC4081(R,S) 2SC4116(Y,GR) 2SC4116(Y,GR) | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | E2 KP1K1 P2E1Y1 E2 KP1K1 | |
| Q416,417 Q418 Q418 Q418 Q418 | | | 2SC4116(Y,GR) DTC124EUA DTC124EUA DTC124EUA UN5212 | TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR | P2E1Y1 E2 KP1K1 P2E1Y1 E2 | |
| Q418 Q418 Q419 Q419 | | | UN5212 UN5212 DTA124EUA UN5112 | DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR | KP1K1 P2E1Y1 E1Y1E2 E1Y1E2 | |
| A1 A2 A3 ,4 A5 -9 | | | W02-2734-05 W02-2717-05 W02-2716-05 W02-2716-05 | OPTIC RECEIVING MODULE OSCILLATING MODULE OPTIC RECEIVING MODULE OPTIC RECEIVING MODULE | | K1P2 |
| VIDEO UNIT (X35-2260-10) VR-5090 only | | | | | | |
| C1 -9 C10 -15 C16 -18 C19 -21 C22 -24 | | | CC73GCH1H100D CE04KW1A101M CE04KW1A471M CK73GB1C104K CE04KW1H100M | CHIP C ELECTRO ELECTRO CHIP C ELECTRO | 10PF 100UF 470UF 0.10UF 10UF | D 10WV 10WV K 50WV |
| C25 ,26 C27 C28 -30 C31 C32 | | | CC73GCH1H180J CE04KW1E470M CE04KW1H100M CC73GCH1H271J CC73GCH1H391J | CHIP C ELECTRO ELECTRO CHIP C CHIP C | 18PF 47UF 10UF 270PF 390PF | J 25WV 50WV J J |
| C33 C34 C35 C36 C37 -39 | | | CK73GB1H472K CE04KW1H2R2M CE04KW1E470M CK73GB1H103K CE04KW1A101M | CHIP C ELECTRO ELECTRO CHIP C ELECTRO | 4700PF 2.2UF 47UF 0.010UF 100UF | K 50WV 25WV K 10WV |
| C40 ,41 C42 C43 C45 C46 | | | CK73GB1H103K CK73GF1C224Z CC73GCH1H220J CE04KW1H0R1M CK73GB1H103K | CHIP C CHIP C CHIP C ELECTRO CHIP C | 0.010UF 0.22UF 22PF 0.1UF 0.010UF | K Z J 50WV K |
| C47 C48 C49 C50 C51 ,52 | | | CE04KW1H4R7M CK73FF1C105Z CC73GCH1H102J CK73GB1H103K CK73GF1E104Z | ELECTRO CHIP C CHIP C CHIP C CHIP C | 4.7UF 1.0UF 1000PF 0.010UF 0.10UF | 50WV Z J K Z |
| C53 C54 C55 C56 C57 | | | CE04KW1H010M CK73GB1H103K CE04KW1A101M CK73GF1C224Z CC73GCH1H221J | ELECTRO CHIP C ELECTRO CHIP C CHIP C | 1.0UF 0.010UF 100UF 0.22UF 220PF | 50WV K 10WV Z J |
| C58 C59 C60 C61 C62 -64 | | | CE04KW1H2R2M CK73GB1H103K CC73GCH1H102J CK73GF1E104Z CE04KW1A101M | ELECTRO CHIP C CHIP C CHIP C ELECTRO | 2.2UF 0.010UF 1000PF 0.10UF 100UF | 50WV K J Z 10WV |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia

Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)

Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components .

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

48

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|---|----------|-----------|---|---|---|--|
| C65 ,66 C67 C101,102 C104 C105 | | | CK73GB1H103K CE04KW1H100M CE04KW1C470M CK73GB1H182K CC73GCH1H102J | CHIP C ELECTRO ELECTRO CHIP C CHIP C | 0.010UF 10UF 47UF 1800PF 1000PF | K 50WV 16WV K J |
| C106 C107 C108,109 C110 C151 | | | CE04KW1H220M CK73FF1C105Z CK73GB1H103K CC73GCH1H101J CE04KW1E470M | ELECTRO CHIP C CHIP C CHIP C ELECTRO | 22UF 1.0UF 0.010UF 100PF 47UF | 50WV Z K J 25WV |
| C152 C153 | | | CE04KW1H100M CK73GF1E104Z | ELECTRO CHIP C | 10UF 0.10UF | 50WV Z |
| CN1 J1 -3 | | | E40-9832-05 E63-1126-05 | SOCKET FOR PIN ASSY PIN JACK | | |
| X1 X3 | | | L77-2281-05 L78-0711-05 | CRYSTAL RESONATOR(3.579545 MHZ) RESONATOR (500KHZ) | | |
| R1 -6 R7 -9 R10 -12 R13 -15 R16 -20 | | | RK73FB2A750J RK73GB1J104J RK73FB2A680J RK73GB1J1R0J RK73GB1J473J | CHIP R CHIP R CHIP R CHIP R CHIP R | 75 100K 68 1 47K | J J J J J 1/10W 1/16W 1/10W 1/16W 1/16W |
| R21 R22 ,23 R24 R25 ,26 R27 | | | RK73GB1J101J RK73GB1J102J RK73GB1J272J RK73GB1J123J RK73GB1J473J | CHIP R CHIP R CHIP R CHIP R CHIP R | 100 1.0K 2.7K 12K 47K | J J J J J 1/16W 1/16W 1/16W 1/16W 1/16W |
| R28 R29 R30 R31 R32 | | | RK73GB1J1R0J RK73GB1J100J RK73GB1J1R0J RK73GB1J222J RK73GB1J331J | CHIP R CHIP R CHIP R CHIP R CHIP R | 1 10 1 2.2K 330 | J J J J J 1/16W 1/16W 1/16W 1/16W 1/16W |
| R33 R34 R35 R36 R39 | | | RK73GB1J272J RK73GB1J432J RK73GB1J914J RK73GB1J242J RK73GB1J153J | CHIP R CHIP R CHIP R CHIP R CHIP R | 2.7K 4.3K 910K 2.4K 15K | J J J J J 1/16W 1/16W 1/16W 1/16W 1/16W |
| R40 R41 R42 R43 R44 | | | RK73GB1J684J RK73GB1J184J RK73GB1J433J RK73GB1J103J RK73GB1J273J | CHIP R CHIP R CHIP R CHIP R CHIP R | 680K 180K 43K 10K 27K | J J J J J 1/16W 1/16W 1/16W 1/16W 1/16W |
| R45 ,46 R47 R48 R49 R50 | | | RK73GB1J102J RK73GB1J182J RK73GB1J221J RK73GB1J151J RK73GB1J750J | CHIP R CHIP R CHIP R CHIP R CHIP R | 1.0K 1.8K 220 150 75 | J J J J J 1/16W 1/16W 1/16W 1/16W 1/16W |
| R51 R52 R53 R55 R56 | | | RK73GB1J183J RK73GB1J223J RK73GB1J102J RK73GB1J392J RK73GB1J183J | CHIP R CHIP R CHIP R CHIP R CHIP R | 18K 22K 1.0K 3.9K 18K | J J J J J 1/16W 1/16W 1/16W 1/16W 1/16W |
| R57 R58 R60 | | | RK73GB1J223J RK73GB1J103J RK73GB1J102J | CHIP R CHIP R CHIP R | 22K 10K 1.0K | J J J 1/16W 1/16W 1/16W |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia

Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)

Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components .

PARTS LIST

KRF-X7775D/X7775D-S/VR-5080/5090

HOW TO READ THE PARTS LIST

ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

| MODEL | CNT | Australia | Canada | China | England | Europe | Germany | Korea | Malaysia |
|--------------|------|-----------|----------|--------|-------------|----------|---------|------------|----------|
| | ABB. | X | P | C | T | E | G | H | I |
| VR-5080 | - | - | P1 | - | - | - | - | - | - |
| VR-5090 | - | - | P2 | - | - | - | - | - | - |
| KRF-X7775D | - | - | - | - | - | E1 | - | - | - |
| KRF-X7775D-S | - | X1 | - | - | - | E2 | - | - | - |
| MODEL | CNT | Mexico | PX/AAFES | Russia | Scandinavia | Shanghai | USA | Other area | |
| | ABB. | R | Y | Q | L | V | K | M | |
| VR-5080 | - | - | - | - | - | - | K | - | - |
| VR-5090 | - | - | - | - | - | - | K1 | - | - |
| KRF-X7775D | - | - | Y1 | - | - | - | - | - | - |
| KRF-X7775D-S | - | - | - | - | - | V | - | M1 | - |

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|--|----------|-----------|--|--|--------------|----------|
| R63 -68 R69 ,70 R80 R82 R83 | | | RK73GB1J102J RK73GB1J222J RK73GB1J473J RK73GB1J101J RK73GB1J1R0J | CHIP R 1.0K J 1/16W CHIP R 2.2K J 1/16W CHIP R 47K J 1/16W CHIP R 100 J 1/16W CHIP R 1 J 1/16W | | |
| R84 -86 R87 -90 R93 R94 -100 R101 | | | RK73GB1J104J RK73GB1J473J RK73GB1J103J RK73GB1J473J RK73GB1J103J | CHIP R 100K J 1/16W CHIP R 47K J 1/16W CHIP R 10K J 1/16W CHIP R 47K J 1/16W CHIP R 10K J 1/16W | | |
| R102 R103 R104 R105,106 R107 | | | RK73GB1J273J RK73GB1J103J RK73GB1J273J RK73GB1J332J RK73GB1J182J | CHIP R 27K J 1/16W CHIP R 10K J 1/16W CHIP R 27K J 1/16W CHIP R 3.3K J 1/16W CHIP R 1.8K J 1/16W | | |
| R108 R109 R110 R111 R112 | | | RK73GB1J103J RK73GB1J223J RK73GB1J103J RK73GB1J104J RK73GB1J101J | CHIP R 10K J 1/16W CHIP R 22K J 1/16W CHIP R 10K J 1/16W CHIP R 100K J 1/16W CHIP R 100 J 1/16W | | |
| R113 R114 R115,116 R117 R118 | | | RK73GB1J474J RK73GB1J183J RK73GB1J103J RK73GB1J222J RK73GB1J103J | CHIP R 470K J 1/16W CHIP R 18K J 1/16W CHIP R 10K J 1/16W CHIP R 2.2K J 1/16W CHIP R 10K J 1/16W | | |
| R119 R120-132 R139-144 R151,152 R153,154 | | | RK73GB1J1R0J RK73GB1J473J RK73GB1J4R7J RK73GB1J1R0J RK73GB1J102J | CHIP R 1 J 1/16W CHIP R 47K J 1/16W CHIP R 4.7 J 1/16W CHIP R 1 J 1/16W CHIP R 1.0K J 1/16W | | |
| VR1 ,2 W1 -3 | | | R12-3100-05 R92-1963-05 | TRIMMING POT.(10K) JUMPER WIRE (RESISTOR TYPE) | | |
| D3 D3 D4 D4 IC1 -3 | | | DAP202U 1SS300 DA204U 1SS302 * ADG704BRM | DIODE DIODE DIODE DIODE ANALOGUE IC | | |
| IC4 IC5 IC8 IC10 Q1 | | | * CLC5623IM UPC1830GT UPC29M05HB NJM4565M 2SC4081(R,S) | ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC TRANSISTOR | | |
| Q1 Q2 Q2 Q3 Q3 | | | 2SC4116(Y,GR) 2SA1576A(R,S) 2SA1586(Y,GR) 2SC4081(R,S) 2SC4116(Y,GR) | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | | |
| Q7 ,8 Q7 ,8 Q9 ,10 Q9 ,10 Q11 | | | DTA124EUA UN5112 DTC124EUA UN5212 2SC4081(R,S) | DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR | | |
| Q11 Q15 -17 | | | 2SC4116(Y,GR) 2SC4213(B) | TRANSISTOR TRANSISTOR | | |

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
Y : PX(Far East,Hawaii) T : England E : Europe G : Germany V : China(Shanghai)
Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas ⚠ indicates safety critical components .

KRF-X7775D/X7775D-S/VR-5080/5090

SPECIFICATIONS

KRF-X7775D (for U.K.)

Audio Section

Rated Output Power during stereo operation
1 kHz, 0.03% T.H.D., 6Ω (DIN/IEC) 130W + 130 W
20 Hz ~ 20 kHz, 0.03% T.H.D., 6Ω (IEC)

..... 120W + 120 W

Effective Output Power during surround operation

(Simultaneous power)

Front
20 Hz ~ 20 kHz, 0.03% T.H.D. at 6Ω 120W + 120 W
Center
20 Hz ~ 20 kHz, 0.03% T.H.D. at 6Ω 120W
Surround
20 Hz ~ 20 kHz, 0.03% T.H.D. at 6Ω 120W + 120W

Effective Output Power during surround operation

1 kHz, 0.06% T.H.D. at 6Ω all channel driven
(Front, Centre, Surround) 100W × 5
Total Harmonic Distortion 0.005 % (1 kHz, 60 W, 6 Ω)

Frequency Response (IHF'66)

Line (CD1, MD/TAPE, CD2/TAPE2 MONITOR, CD-R,
VIDEO 1 - 3, DVD/6CH.) 7 Hz ~ 100 kHz, 0 dB, -3 dB
Signal to Noise Ratio (IHF '66)

PHONO (MM) 76 dB
CD1 98 dB

Input Sensitivity / Impedance

PHONO (MM) 4.0 mV / 47 kΩ
CD1 300 mV / 47 kΩ
DVD/6CH. 300 mV / 47 kΩ

Output Level / Impedance

TAPE REC 300 mV / 2.2 kΩ
PRE OUT (Front, Center, Surround, Surround back)
..... 1 V / 470 Ω
PRE OUT (Subwoofer) 1.8 V / 470 Ω

Tone Control

Bass ± 7 dB (at 100 Hz)
Treble ± 7 dB (at 10 kHz)

Loudness Control Volume at -30 dB level

..... +6 dB (100 Hz), +3 dB (10 kHz)

Digital Audio Section

Sampling Frequency 32 kHz, 44.1 kHz, 48 kHz, 96 kHz

Input Level / Impedance / Wavelength

Optical -15 dBm ~ -21 dBm, 660 nm ±30 nm
Coaxial 0.5 Vp-p / 75 Ω

Output Level / Impedance / Wavelength

Optical -15 dBm ~ -21 dBm, 660 nm ±30 nm

Video Section

Video Inputs / Outputs

Video (composite) 1 Vp-p / 75 Ω
S Video (luminance signal) 1 Vp-p / 75 Ω
(chrominance signal) 0.286 Vp-p / 75 Ω
Component (luminance signal) 1 Vp-p / 75 Ω
(Cb/Cr-signal) ±0.350 Vp-p / 75 Ω

FM Tuner Section

Tuning Frequency Range 87.5 MHz ~ 108 MHz

Usable Sensitivity (DIN at 75 Ω)

Mono 1.3 μV / 13.2 dBf (40 kHz dev., S/N 26 dB)
Stereo 35.1 μV / 42.1 dBf (46 kHz dev., S/N 46 dB)

Total Harmonic Distortion (DIN at 1 kHz)

Mono 0.2 % (71.2 dBf input)
Stereo 0.8 % (71.2 dBf input)

Signal to Noise Ratio (DIN weighted, 1kHz)

Mono 65 dB (40 kHz dev., 71.2 dBf input)
Stereo 60 dB (40 kHz dev., 71.2 dBf input)

Stereo Separation (DIN at 1 kHz) 36 dB

Selectivity (DIN ±300 kHz) 64 dB

Frequency Response 30 Hz ~ 15 kHz, +0.5 dB, -3.0 dB

AM Tuner Section

Tuning Frequency Range 531 kHz ~ 1,602 kHz

Usable Sensitivity (30 % mod., S/N 20 dB)

..... 16 μV / (500 μV/m)

Signal to Noise Ratio (30 % mod., 1 mV input) 50 dB

IR In/Out Section

IR Receiver In Terminal

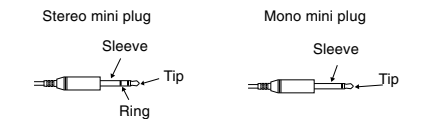
Maximum Output Current 20 mA
Operating Voltage 12 V
Output Impedance 470 Ω

IR Out LCD Remote Terminal

Maximum Output Current 20 mA
Operating Voltage 5 V
Output Impedance 470 Ω

SHAPE OF PLUG TO BE CONNECTED:

| IR Receiver In and IR Out LCD Remote | DVD Control |
|---|-------------|
|---|-------------|



IR IN/OUT SPECIFICATION:

| | Terminal | |
|-----------|----------------|-------------------|
| | IR Receiver In | IR Out LCD Remote |
| To Tip | Signal | Signal |
| To Ring | Ground | — |
| To Sleeve | +12V | Ground |

General

Power consumption 500 W

AC outlet

Switched 2 (total 90 W max.)

Dimensions W : 440mm

H : 191mm

D : 416mm

Weight (Net) 16.8 kg

KRF-X7775D (for Other Countries)

Audio Section

Rated Output Power during stereo operation
20 Hz ~ 20 kHz, 0.7% T.H.D., 6Ω (IEC) 130W + 130 W

120 watts per channel minimum RMS, both channels driven, at
6 Ω from 20Hz to 20kHz with no more than 0.05% total
harmonic distortion (FTC).

Effective Output Power during stereo operation

1 kHz, 10% T.H.D. at 6 Ω 170 W + 170 W

Effective Output Power during surround operation, one channel
driven

Front
1 kHz, 10% T.H.D. at 6 Ω 180 W + 180 W
20 Hz ~ 20 kHz, 0.06% T.H.D. at 6 Ω 150 W + 150 W
Center
1 kHz, 10% T.H.D. at 6 Ω 180 W

20 Hz ~ 20 kHz, 0.06% T.H.D. at 6 Ω 150 W
Surround
1 kHz, 10% T.H.D. at 6 Ω 180 W + 180 W

20 Hz ~ 20 kHz, 0.06% T.H.D. at 6 Ω 150 W + 150 W

Effective Output Power during surround operation, all channel driven

(Front, Center, Surround)
1 kHz, 0.006% T.H.D. at 6 Ω 95 W × 5

Total Harmonic Distortion 0.005 % (1 kHz, 65 W, 6 Ω)

Frequency Response (IHF'66)

Line (CD1, MD/TAPE, CD2/TAPE2 MONITOR, CD-R,
VIDEO 1 - 3, DVD/6CH.) 7 Hz ~ 100 kHz, 0 dB, -3 dB

Signal to Noise Ratio (IHF '66)

PHONO (MM) 76 dB
CD1 98 dB

Input Sensitivity / Impedance

PHONO (MM) 4.0 mV / 47 kΩ
CD1 300 mV / 47 kΩ
DVD/6CH. 300 mV / 47 kΩ

Output Level / Impedance

TAPE REC 300 mV / 2.2 k Ω
PRE OUT (Front, Center, Surround, Surround back)
..... 1 V / 470 Ω
PRE OUT (Subwoofer) 1.8 V / 470 Ω

Tone Control

Bass ± 7 dB (at 100 Hz)
Treble ± 7 dB (at 10 kHz)

Loudness Control

Volume at -30 dB level +6 dB (100 Hz), +3 dB (10 kHz)

Digital Audio Section

Sampling Frequency 32 kHz, 44.1 kHz, 48 kHz, 96 kHz

Input Level / Impedance / Wavelength

Optical -15 dBm ~ -21 dBm, 660 nm ±30 nm
Coaxial 0.5 Vp-p / 75 Ω

Output Level / Impedance / Wavelength

Optical -15 dBm ~ -21 dBm, 660 nm ±30 nm

Video Section

Video Inputs / Outputs

Video (composite) 1 Vp-p / 75 Ω
S Video (luminance signal) 1 Vp-p / 75 Ω
(chrominance signal) 0.286 Vp-p / 75 Ω
Component (luminance signal) 1 Vp-p / 75 Ω
(Cb/Cr-signal) ±0.350 Vp-p / 75 Ω

FM Tuner Section

Tuning Frequency Range 87.5 MHz ~ 108 MHz

Usable Sensitivity (Mono)

..... 1.3 μV (75 Ω) / 13.2 dBf (75 kHz dev., sinad 30 dB)

50dB Quietening Sensitivity

Stereo 25.1 μV (75 Ω) / 39.2 dBf

Total Harmonic Distortion (1 kHz)

Mono 0.3 % (71.2 dBf input)
Stereo 0.5 % (71.2 dBf input)

Signal to Noise Ratio (1 kHz, 75 kHz DEV.)

Mono 75 dB (71.2 dBf input)
Stereo 70 dB (71.2 dBf input)

Stereo Separation (1 kHz) 40 dB

Selectivity (±400 kHz) 50 dB

Frequency Response 30 Hz ~ 15 kHz, +0.5 dB, -3.0 dB

AM Tuner Section

Tuning Frequency Range

9kHz step 531 kHz ~ 1,602 kHz
10kHz step 530 kHz ~ 1,610 kHz

Usable Sensitivity (30 % mod., S/N 20 dB)

..... 16 μV / (500 μV/m)

Signal to Noise Ratio (30 % mod. 1 mV input) 50 dB

IR In/Out Section (for U. S. military)

IR Receiver In Terminal

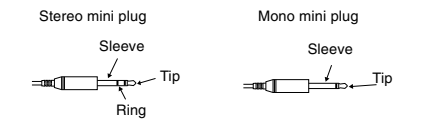
Maximum Output Current 20 mA
Operating Voltage 12 V
Output Impedance 470 Ω

IR Out LCD Remote Terminal

Maximum Output Current 20 mA
Operating Voltage 5 V
Output Impedance 470 Ω

SHAPE OF PLUG TO BE CONNECTED:

| IR Receiver In and IR Out LCD Remote | DVD Control |
|---|-------------|
|---|-------------|



IR IN/OUT SPECIFICATION:

| | Terminal | |
|-----------|----------------|-------------------|
| | IR Receiver In | IR Out LCD Remote |
| To Tip | Signal | Signal |
| To Ring | Ground | — |
| To Sleeve | +12V | Ground |

General

Power consumption 500 W

AC outlet

Switched (except for Australia) 2 (total 90 W max.)
Switched (for Australia) 1 (total 90 W max.)

Dimensions W : 440mm

H : 191mm

D : 416mm

Weight (Net) 16.8 kg

Kenwood follows a policy of continuous advancements in development. For this reason, specifications may be changed without notice.

Full performance may not be exhibited in extremely cold locations (below 0 deg. C).

KRF-X7775D/X7775D-S/VR-5080/5090

SPECIFICATIONS

VR-5090/VR-5080

Audio Section

Rated Output Power during stereo operation

110 watts per channel minimum RMS, both channels driven, at 6 Ω from 20Hz to 20kHz with no more than 0.03% total harmonic distortion (FTC).

Effective Output Power during surround operation

1 kHz, 0.06% T.H.D. at 6 Ω , all channel driven (Front, Center, Surround) 80 W \times 5

Total Harmonic Distortion 0.005 % (1 kHz, 55 W, 6 Ω)

Frequency Response (IHF'66)

VR-5090

Line (CD1, MD/TAPE, CD2/TAPE2 MONITOR, CD-R, VIDEO 1 - 4, DVD/6CH.) 7 Hz ~ 100 kHz, 0 dB, -3 dB

VR-5080

Line (CD1, MD/TAPE, CD2/TAPE2 MONITOR, CD-R, VIDEO 1 - 3, DVD/6CH.) 7 Hz ~ 100 kHz, 0 dB, -3 dB

Signal to Noise Ratio (IHF '66)

PHONO (MM) 76 dB

CD1 98 dB

Input Sensitivity / Impedance

PHONO (MM) 4.0 mV / 47 k Ω

CD1 300 mV / 47 k Ω

DVD/6CH. 300 mV / 47 k Ω

Output Level / Impedance

TAPE REC 300 mV / 2.2 k Ω

PRE OUT (Front, Center, Surround, Surround back) 1 V / 470 Ω

PRE OUT (Subwoofer) 1.8 V / 470 Ω

Tone Control

Bass ± 7 dB (at 100 Hz)

Treble ± 7 dB (at 10 kHz)

Loudness Control

Volume at -30 dB level +6 dB (100 Hz), +3 dB (10 kHz)

Digital Audio Section

Sampling Frequency 32 kHz, 44.1 kHz, 48 kHz, 96 kHz

Input Level / Impedance / Wavelength

Optical -15 dBm ~ -21 dBm, 660 nm \pm 30 nm

Coaxial 0.5 Vp-p / 75 Ω

Output Level / Impedance / Wavelength

VR-5090

Optical -15 dBm ~ -21 dBm, 660 nm \pm 30 nm

Coaxial 0.5 Vp-p / 75 Ω

VR-5080

Optical -15 dBm ~ -21 dBm, 660 nm \pm 30 nm

Video Section

Video Inputs / Outputs

Video (composite) 1 Vp-p / 75 Ω

S Video (luminance signal) 1 Vp-p / 75 Ω
(chrominance signal) 0.286 Vp-p / 75 Ω

Component (luminance signal) 1 Vp-p / 75 Ω

(Pb/Pr-signal) ± 0.324 Vp-p / 75 Ω

FM Tuner Section

Tuning Frequency Range 87.5 MHz ~ 108 MHz

Usable Sensitivity (Mono)

..... 1.2 μ V (75 Ω) / 12.2 dBf (75 kHz dev., sinad 30 dB)

50dB Quieting Sensitivity

Stereo 22.4 μ V (75 Ω) / 38.2 dBf

Total Harmonic Distortion (1 kHz)

Mono 0.3 % (71.2 dBf input)

Stereo 0.5 % (71.2 dBf input)

Signal to Noise Ratio (1 kHz, 75 kHz DEV.)

Mono 75 dB (71.2 dBf input)

Stereo 70 dB (71.2 dBf input)

Stereo Separation (1 kHz) 40 dB

Selectivity (± 400 kHz) 70 dB

Frequency Response 30 Hz ~ 15 kHz, +0.5 dB, -3.0 dB

AM Tuner Section

Tuning Frequency Range

10kHz step 530 kHz ~ 1,700 kHz

Usable Sensitivity (30 % mod., S/N 20 dB)

..... 16 μ V / (500 μ V/m)

Signal to Noise Ratio (30 % mod. 1 mV input) 50 dB

IR In/Out Section

IR Receiver In Terminal

Maximum Output Current 20 mA

Operating Voltage 12 V

Output Impedance 470 Ω

IR Out LCD Remote Terminal

Maximum Output Current 20 mA

Operating Voltage 5 V

Output Impedance 470 Ω

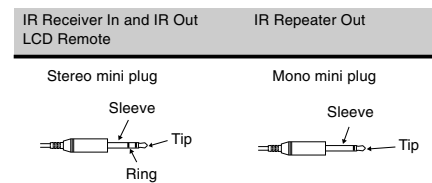
IR Repeater Out Terminal

Maximum Output Current 20mA A

Operating Voltage 12 V

Output Impedance 470 Ω

SHAPE OF PLUG TO BE CONNECTED:



IR IN/OUT SPECIFICATION:

| Terminal | IR Receiver In | IR Out LCD Remote |
|-----------|----------------|-------------------|
| To Tip | Signal | Signal |
| To Ground | Ground | — |
| To Sleeve | +12V | Ground |

General

Power consumption 5 A

AC outlet Switched 2 (total 90W, 0.75 A max.)

Dimensions W: 440mm (17-5/16")

..... H : 191mm (7-1/2")

..... D : 416mm (16-3/8")

Weight (Net) 15.0 kg (33.0 lb)

KENWOOD CORPORATION

14-6,Dogenzaka 1-chome, Shibuya-ku, Tokyo, 150-8501 Japan

KENWOOD SERVICE CORPORATION

P.O BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745, U.S.A.

KENWOOD ELECTRONICS CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.

P.O BOX 55-2791, Piso 6 plaza Chase, Cl. 47 y Aquilino de la Guardia Panama, Republic de Panama

KENWOOD ELECTRONICS BRASIL LTDA.

Av. Moema, 170-17", Andar-Cobertura "B", Ed. Maximum Service Center, 04077-020 Moema, São Paulo-SP-Brasil

KENWOOD ELECTRONICS U.K. LIMITED

KENWOOD House, Dwight Road, Watford, Herts., WD1 8EB., United Kingdom

KENWOOD ELECTRONICS BELGUM N.V.

Meachelsesteenweg 418, B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS DEUTSCHLAND GMBH

Rembrücker Str. 15, 63150 Heusenstamm, Germany

KENWOOD ELECTRONICS FRANCE S.A.

13 Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS ITALIA S.p.A.

Via G. Sirtori, 7/9 20129, Milano, Italy

KENWOOD IBÉRICA S.A.

Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD.

(A.C.N. 001 499 074)

16 Giffnock Avenue, North Ryde, N.S.W. 2113, Australia

KENWOOD ELECTRONICS (HONG KONG) LTD.

Unit 3712-3724, Level 37, Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong N.T., Hong Kong

KENWOOD ELECTRONICS GULF FZE

P.O.Box 61318, Jebel Ali, Dubai, U.A.E.

KENWOOD ELECTRONICS SINGAPORE PTE LTD.

No. 1 Genting Lane #02-02, KENWOOD Building, Singapore, 349544

KENWOOD ELECTRONICS (MALAYSIA) SDN BHD.

#4.01 Level 4, Wisma Academy Lot 4A, Jalan 19/1 46300 Petaling Jaya Selangor Darul Ehsan Malaysia

KENWOOD ELECTRONICS (THAILAND) CO., LTD.

2019 New Pechburi Road, Bangkok, Huaykwang, Bangkok, 10320 Thailand